

Wireshark to OmniPeek Advanced Display Filter Conversion Chart

802.11r/k/v filters	Description	WS Display Filter	OmniPeek Filter
	802.11v DMS request	wlan.fixed.action_code == 23	protocol = 802.11 AND protocol = 802.11 action AND Value = 23
	802.11v DMS response	wlan.fixed.action_code == 24	protocol = 802.11 AND protocol = 802.11 action AND Value = 24
	802.11k Neighbor request	wlan.rm.action_code == 4	protocol = 802.11 AND protocol = 802.11 action AND Value = 4
	802.11k Neighbor response	wlan.rm.action_code == 5	protocol = 802.11 AND protocol = 802.11 action AND Value = 5
	802.11r FT auth req	(wlan.fc.type_subtype==0) && (wlan.rsn.akms.type == 3)	protocol = 802.11 Assoc req and Value = 55
	802.11r FT auth res	(wlan.fc.type_subtype==1) && (wlan.tag.number == 55)	protocol = 802.11 Assoc res and Value = 55
	802.11r FT reassoc req	(wlan.fc.type_subtype==2) && (wlan.tag.number == 55)	protocol = 802.11 ReAssoc req and Value = 55
	802.11r FT reassoc res	(wlan.fc.type_subtype==3) && (wlan.tag.number == 55)	protocol = 802.11 ReAssoc res and Value = 55

Retry filters	Description	WS Display Filter	OmniPeek Filter
	Retry	wlan.fc.retry==1	Value = 8 AND protocol = 802.11
	Retry toDS	wlan.fc.retry==1 && wlan.fc.tods==1	Value = 1 AND protocol = 802.11 AND Value = 8 AND protocol = 802.11
	Retry fromDS	wlan.fc.retry==1 && wlan.fc.fromds==1	Value != 1 AND protocol = 802.11 AND Value = 8 AND protocol = 802.11

Data Rate filters	Description	WS Display Filter	OmniPeek Filter
	Weak Signal	wlan_radio.signal_dbm lt -75	Signal dBm -100 to -75 (802.11 Filter)
	Weak Probe responses	wlan.fc.type_subtype == 0x05 && wlan_radio.signal_dbm lt -75	NOT C and 802.11 Probe resp AND Signal dBm -100 to -75 (802.11 Filter)
	Weak Probe requests	wlan.fc.type_subtype == 0x04 && wlan_radio.signal_dbm lt -75	NOT C and 802.11 Probe req AND Signal dBm -100 to -75 (802.11 Filter)