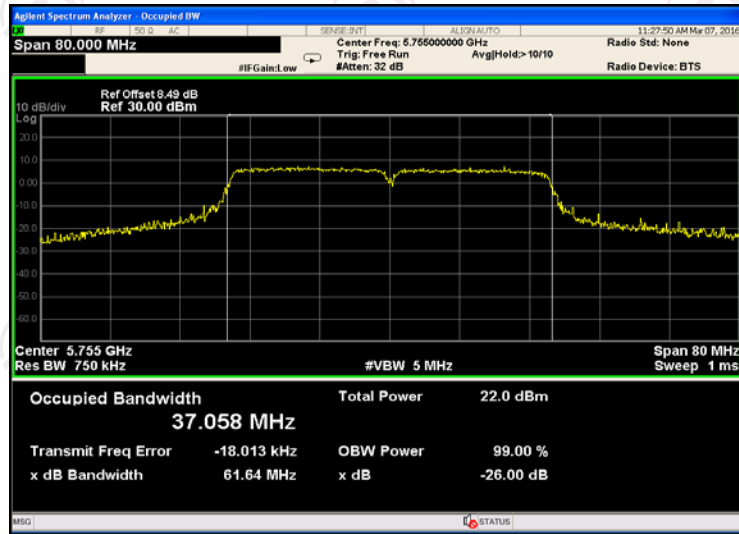
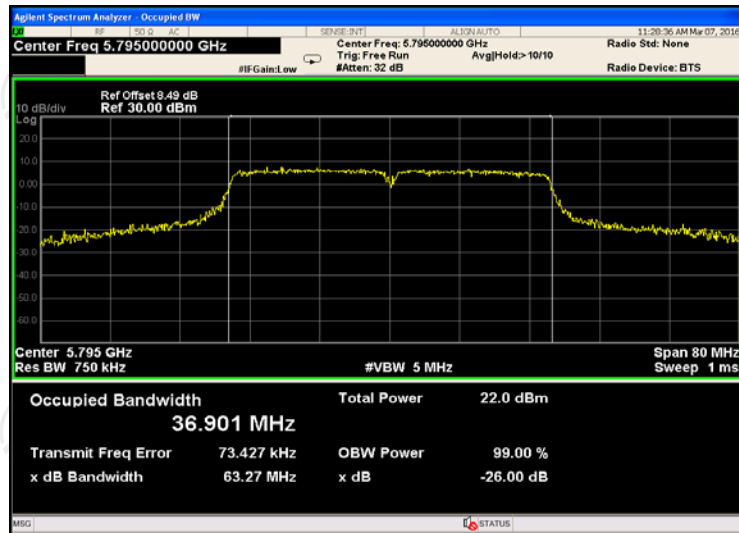


11ac(HT40)

CH151

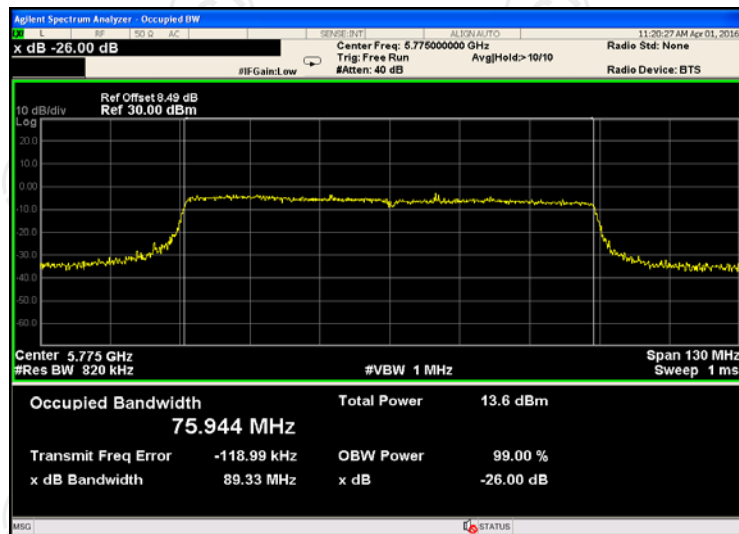


CH159



11ac(HT80)

CH155

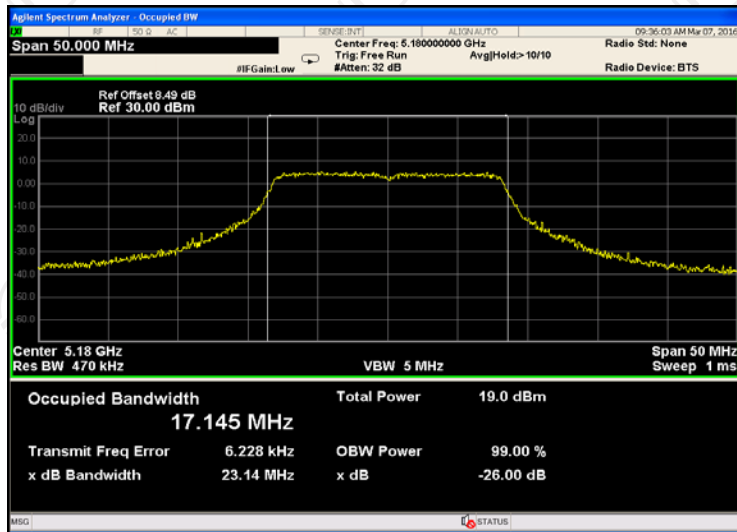


ANT 1

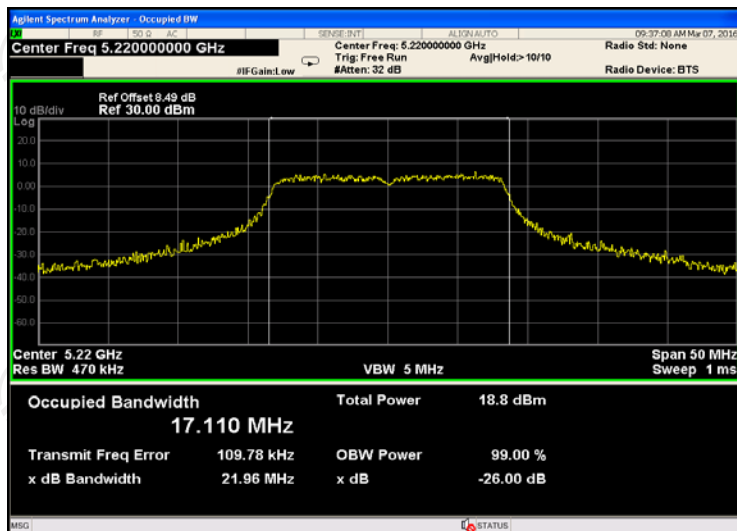
Band I (5150 – 5250 MHz)

11a

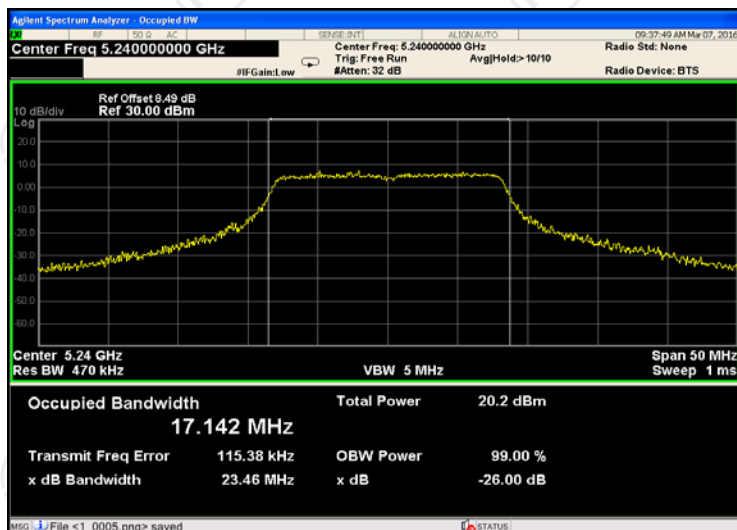
CH36



CH44

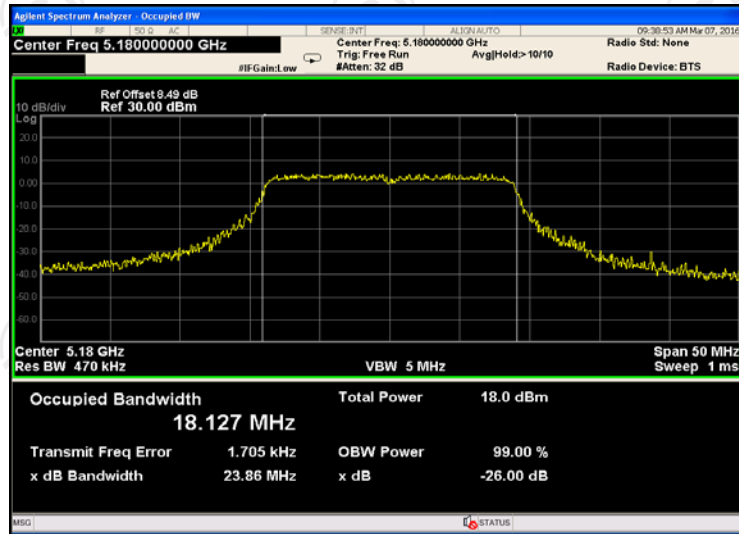


CH48

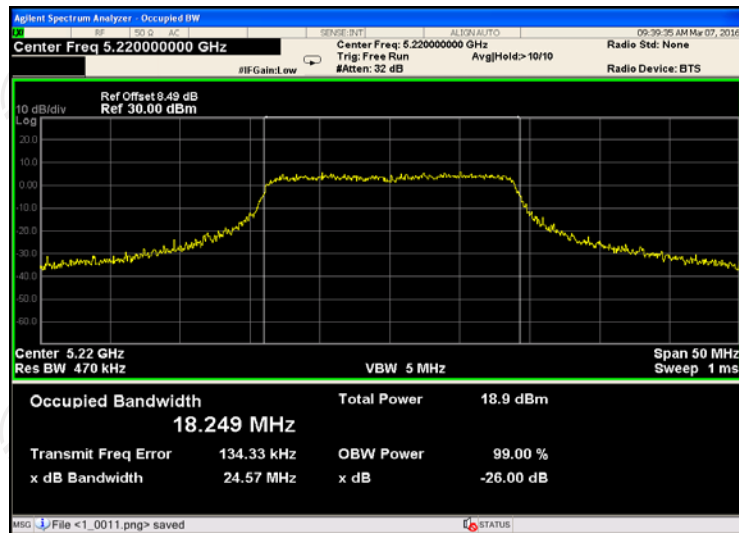


11n(HT20)

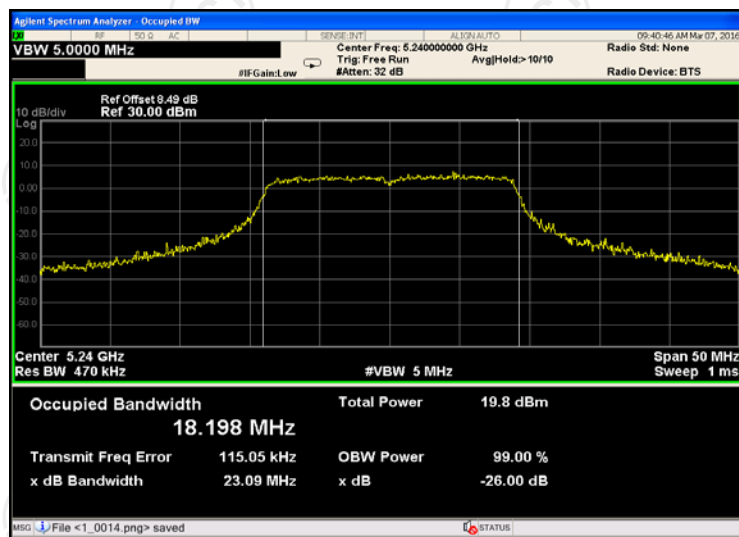
CH36



CH44

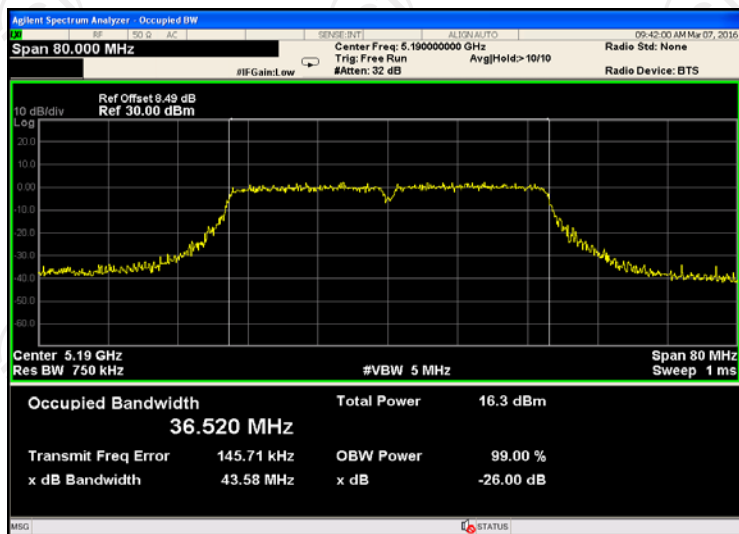


CH48

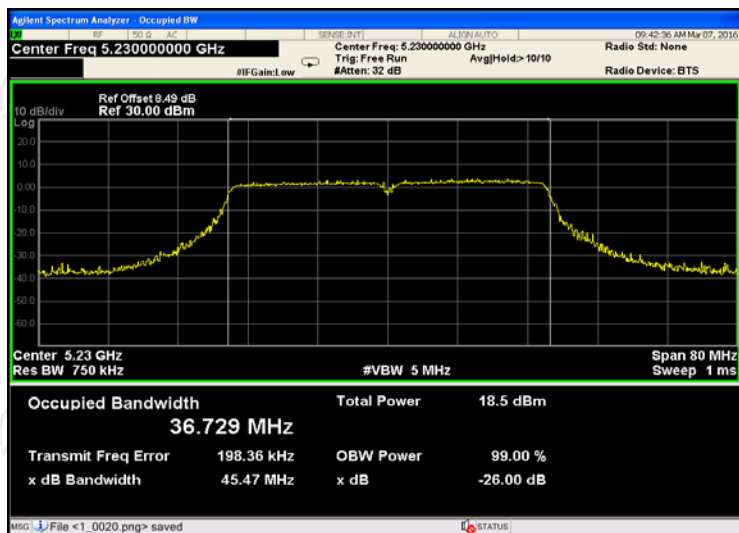


11n(HT40)

CH38

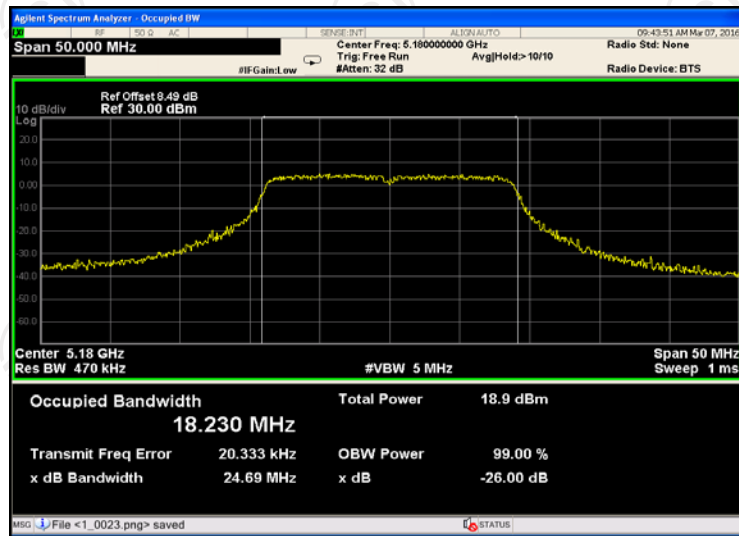


CH46

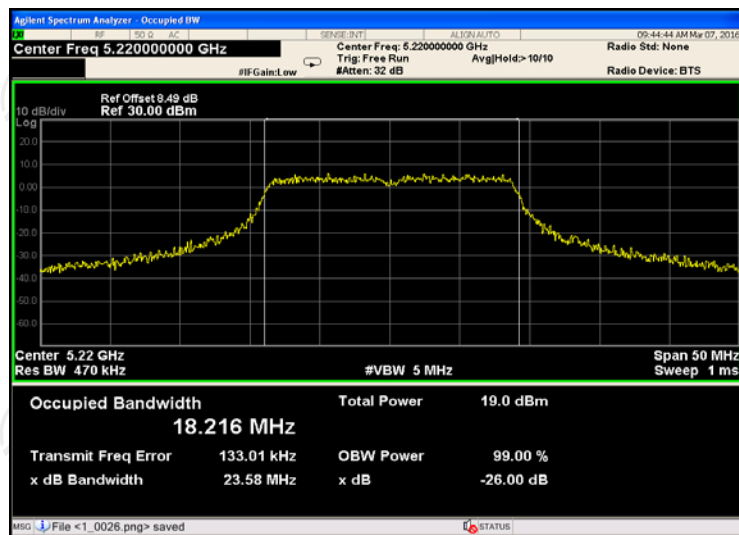


11ac(HT20)

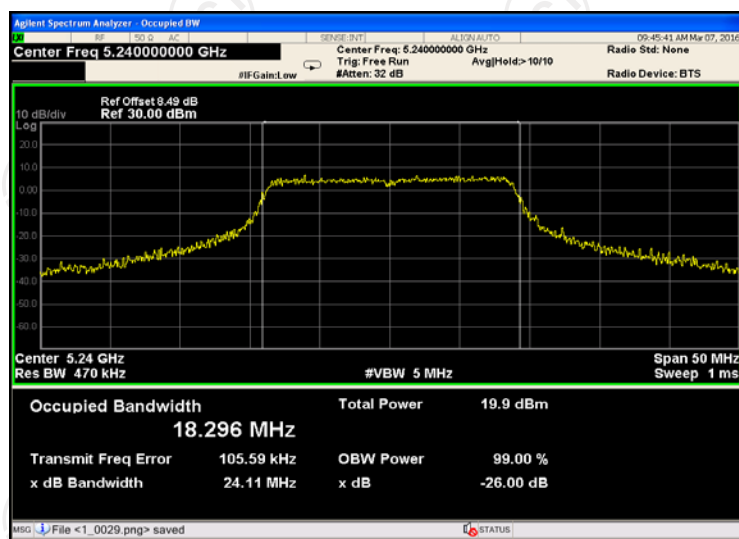
CH36



CH44

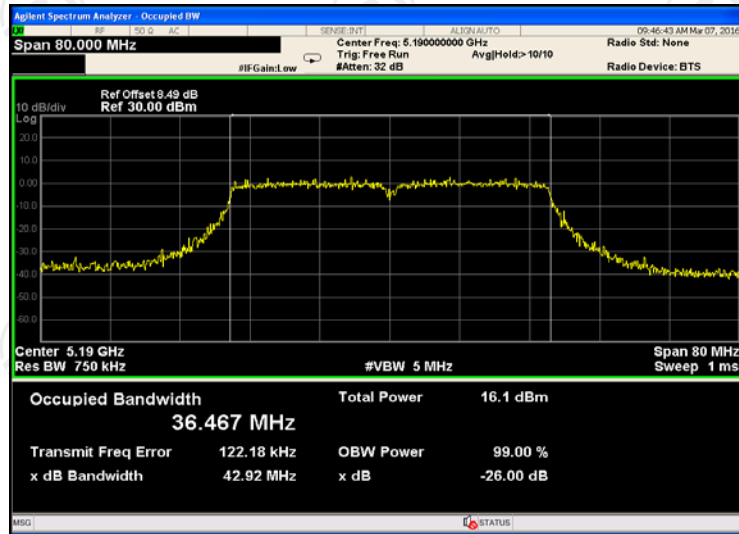


CH48

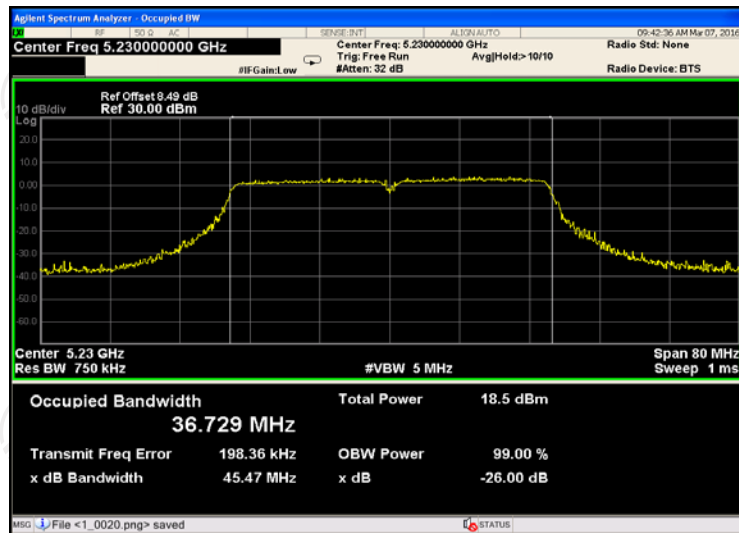


11ac(HT40)

CH38

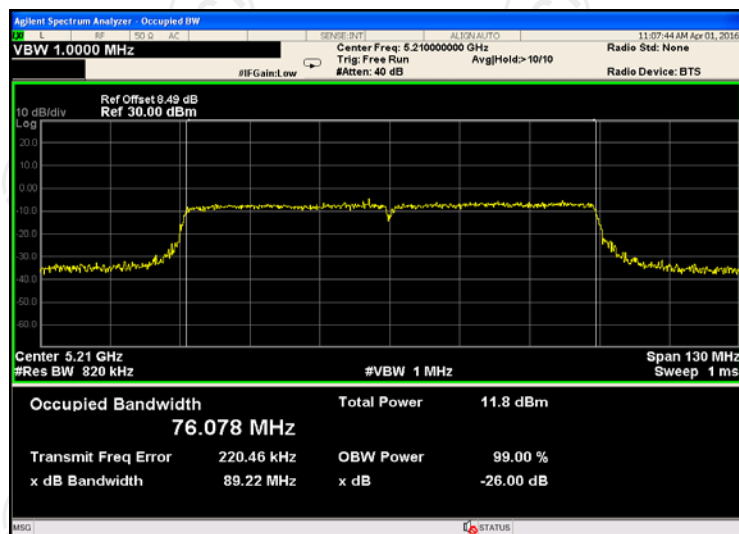


CH46



11ac(HT80)

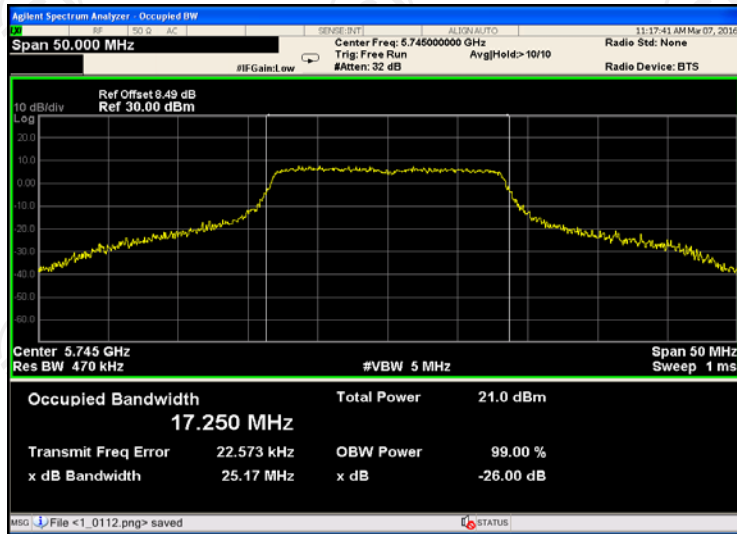
CH42



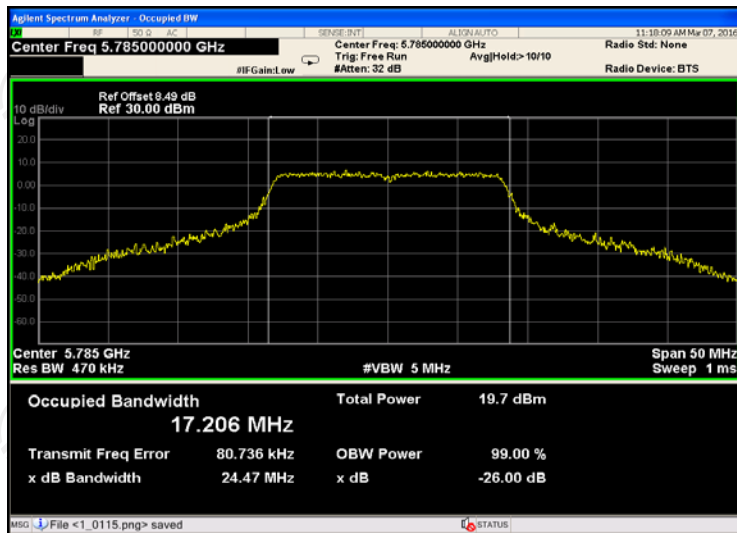
Band IV (5725 – 5850 MHz)

11a

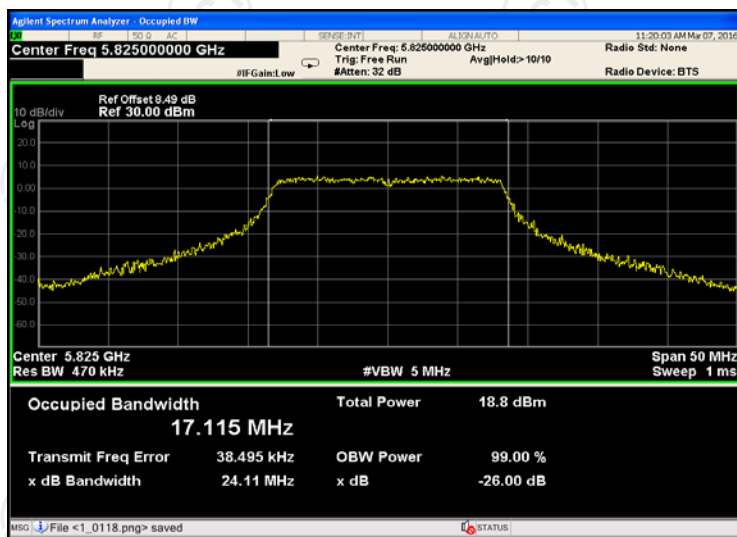
CH149



CH157

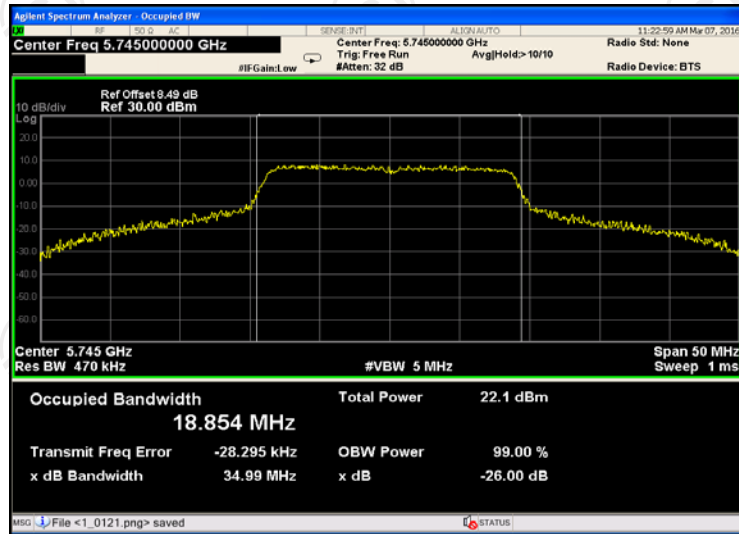


CH165

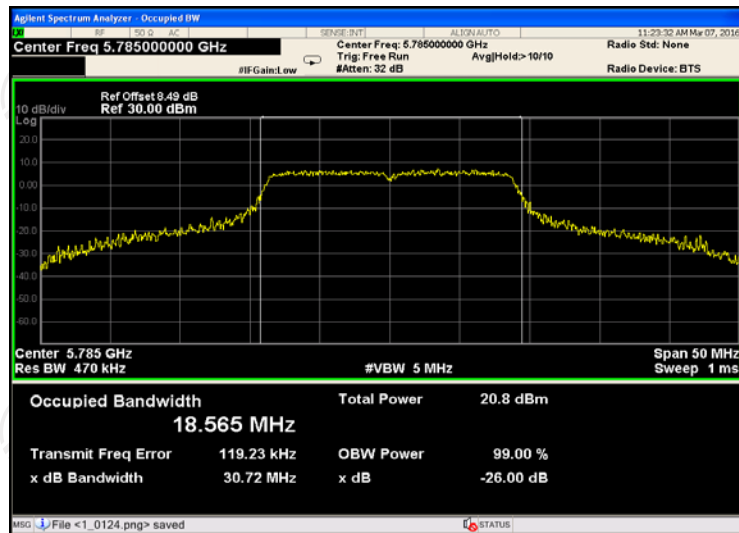


11n(HT20)

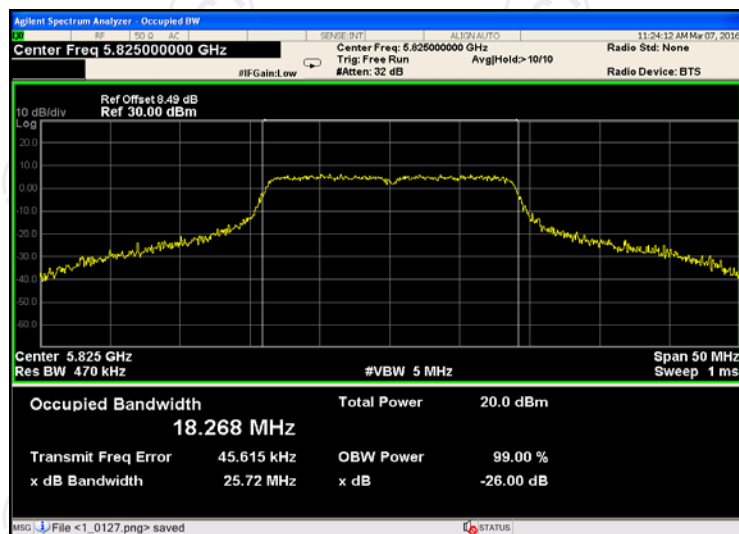
CH149



CH157

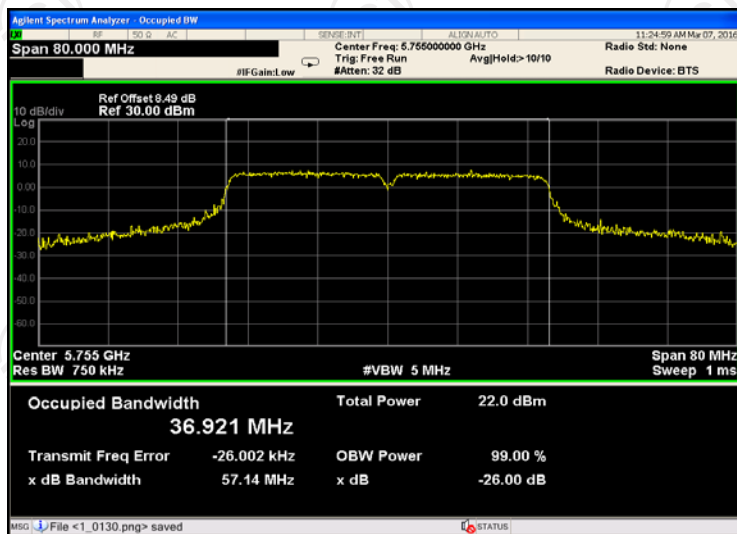


CH165

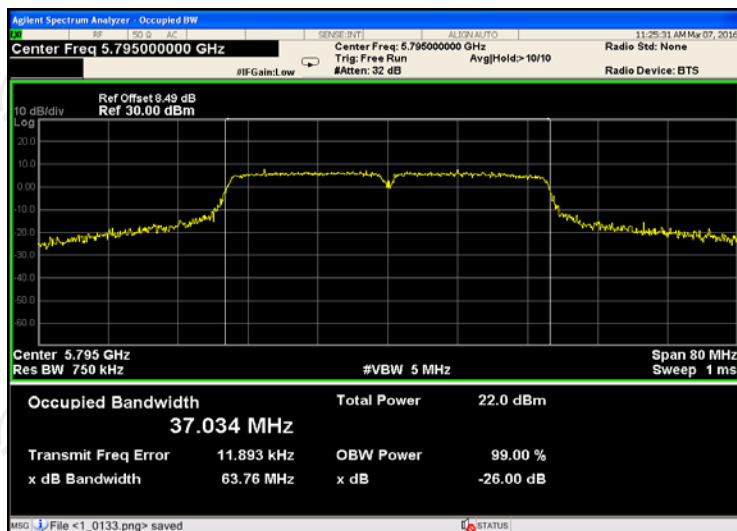


11n(HT40)

CH151

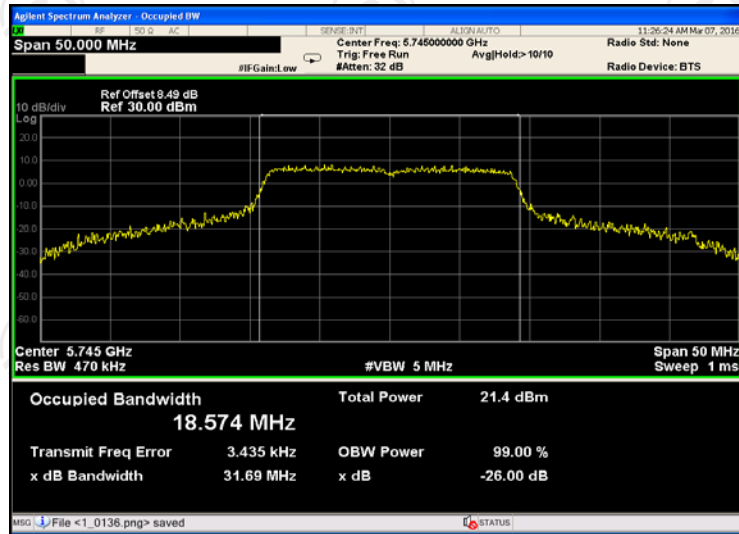


CH159

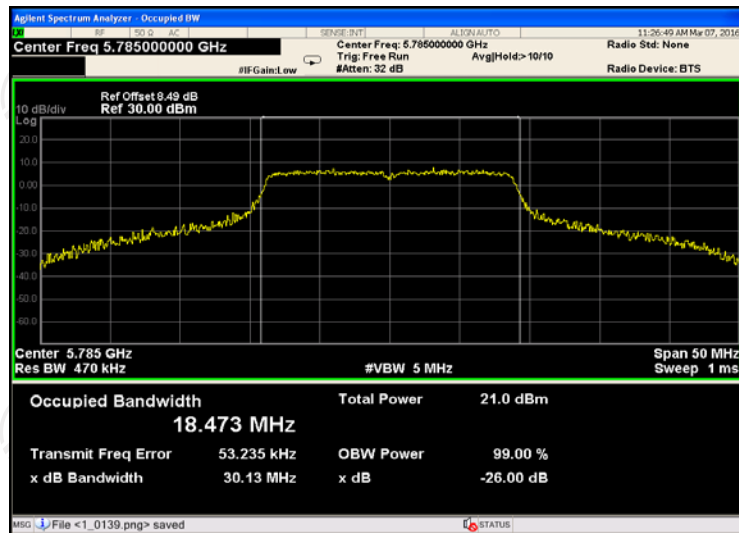


11ac(HT20)

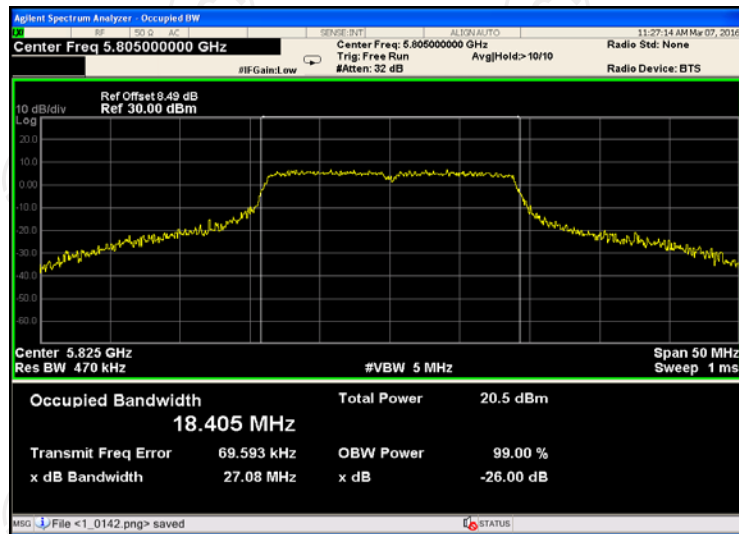
CH149



CH157

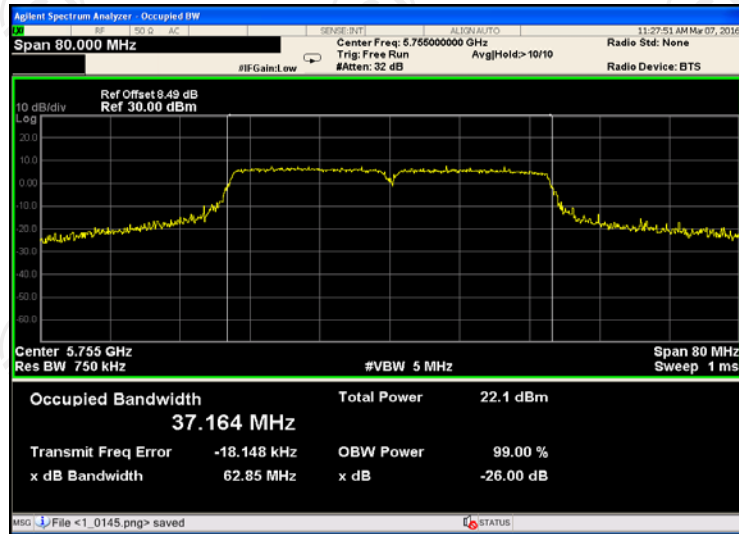


CH165

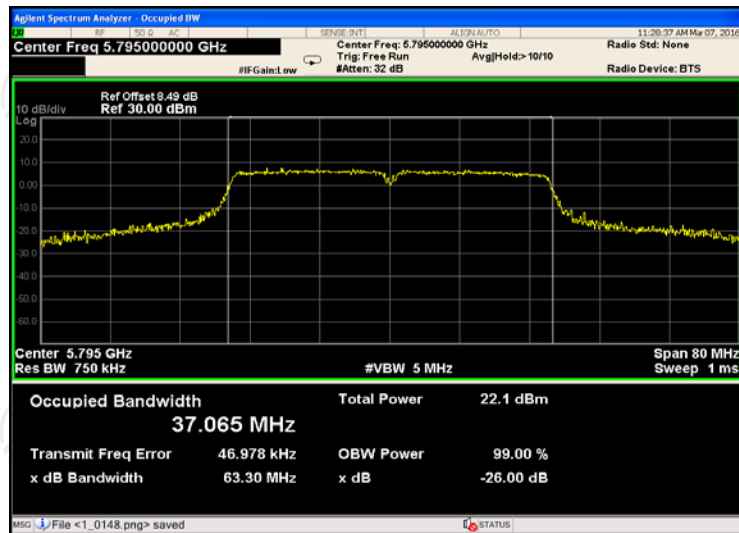


11ac(HT40)

CH151

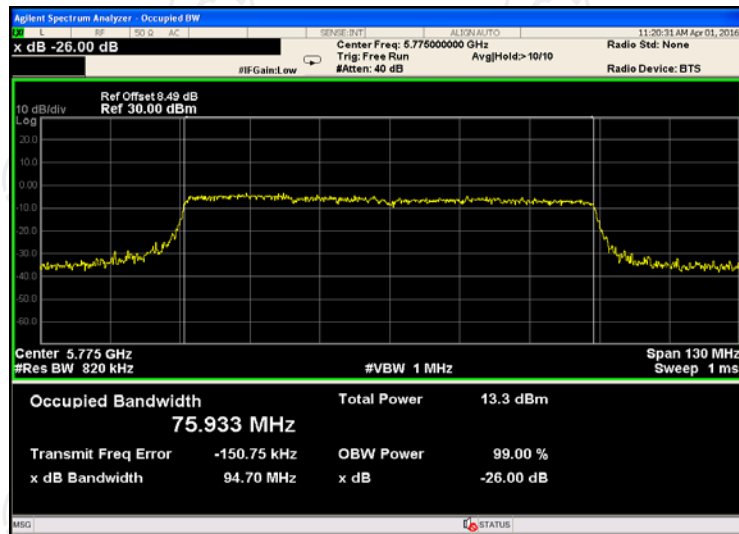


CH159



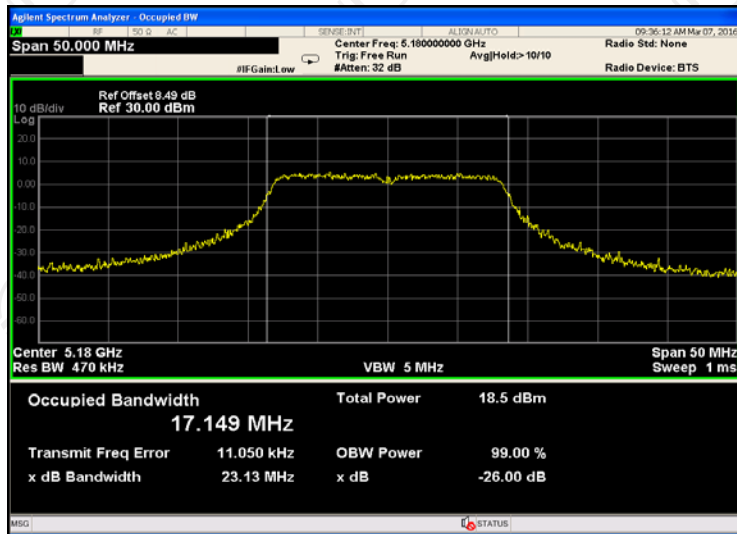
11ac(HT80)

CH155

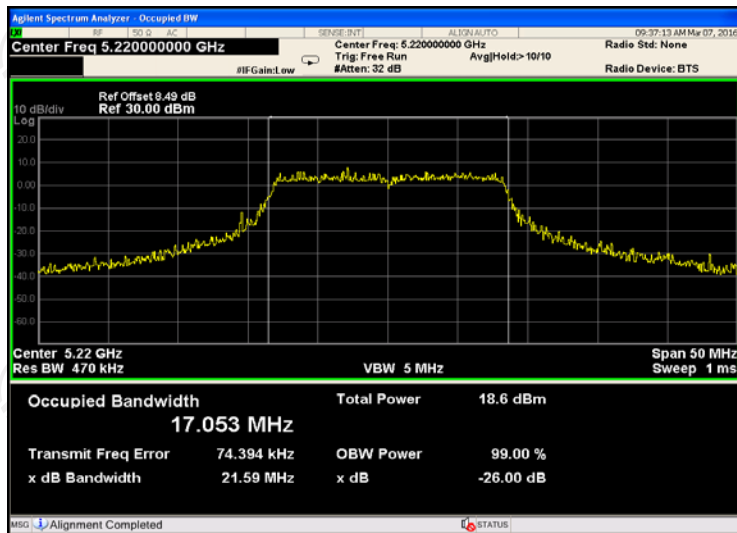


ANT 2
Band I (5150 – 5250 MHz)
11a

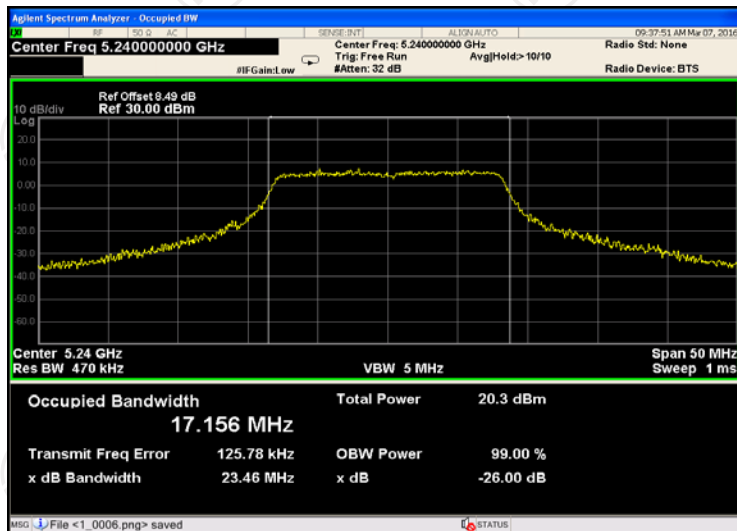
CH36



CH44

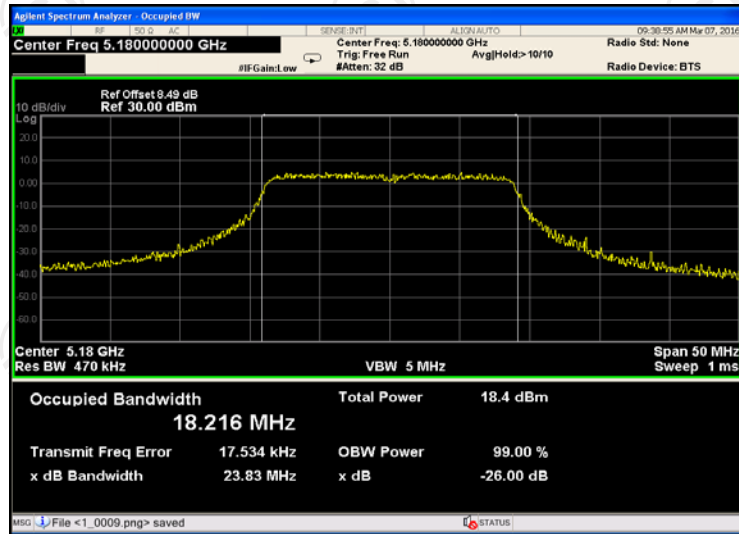


CH48

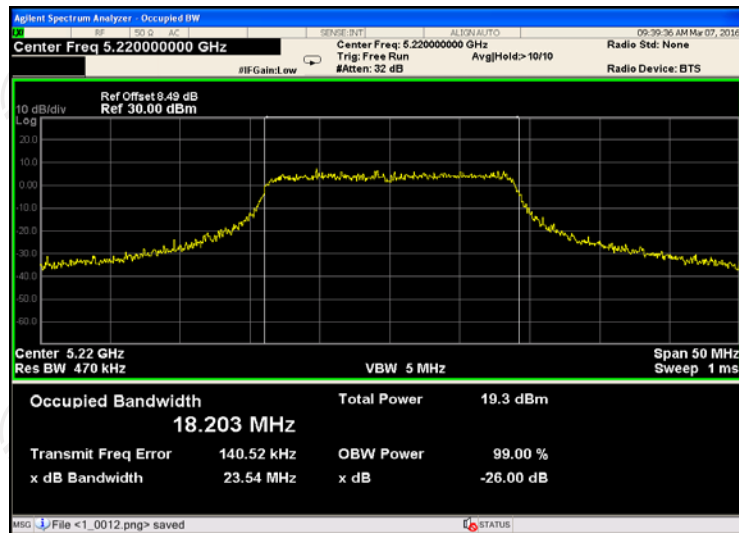


11n(HT20)

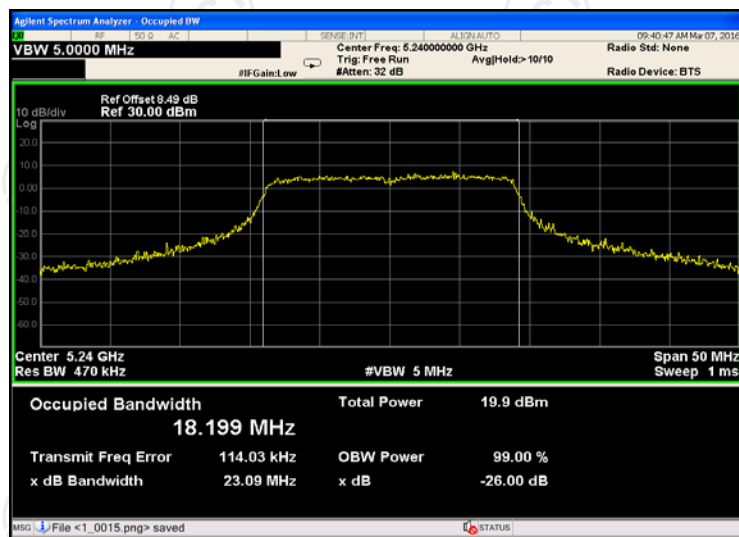
CH36



CH44

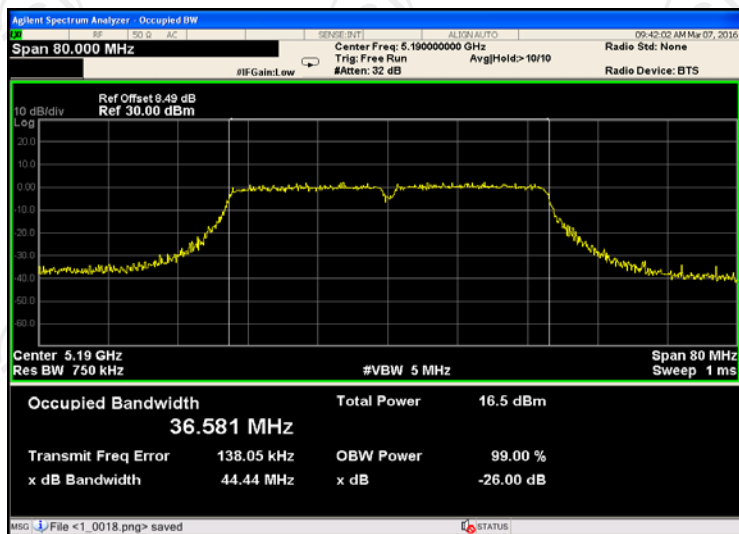


CH48

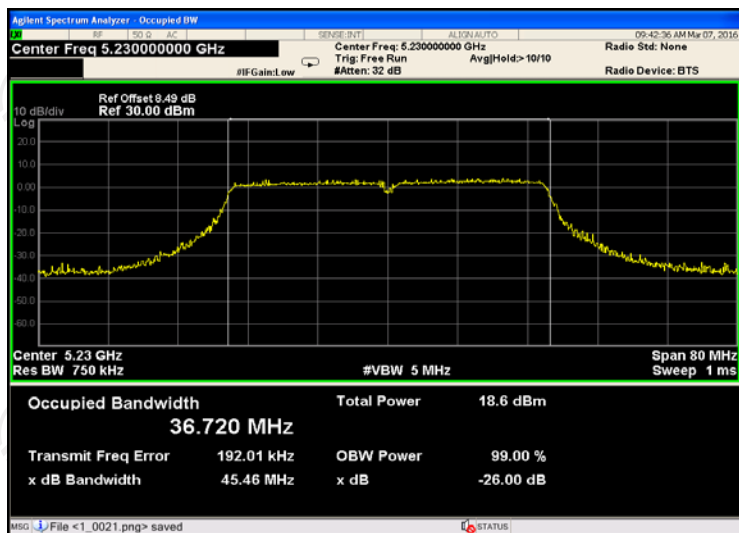


11n(HT40)

CH38

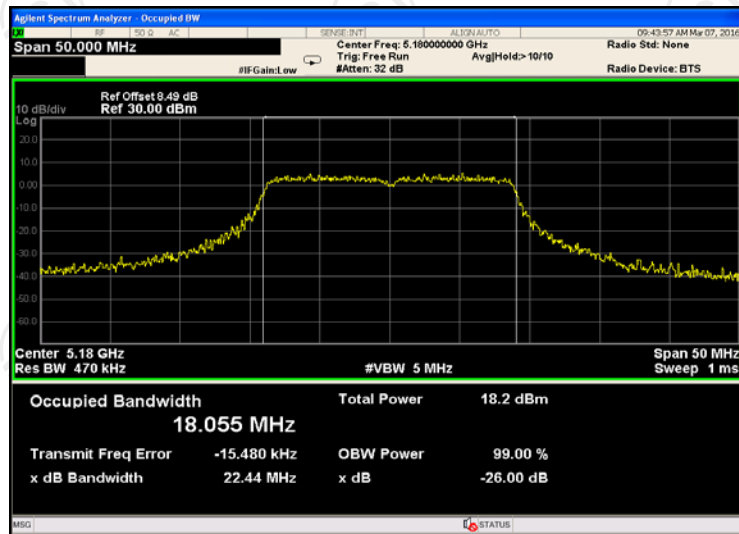


CH46

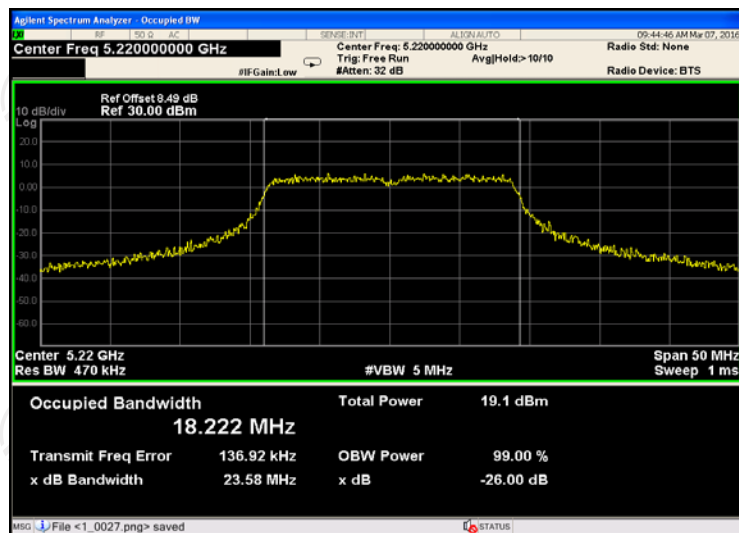


11ac(HT20)

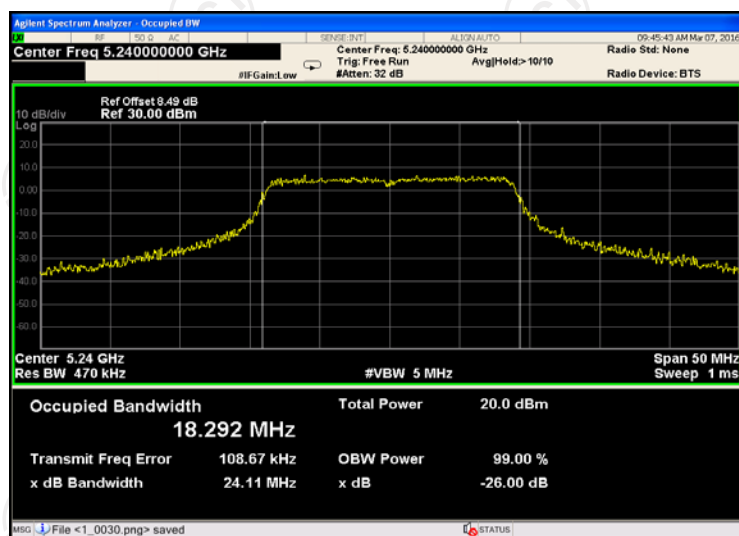
CH36



CH44

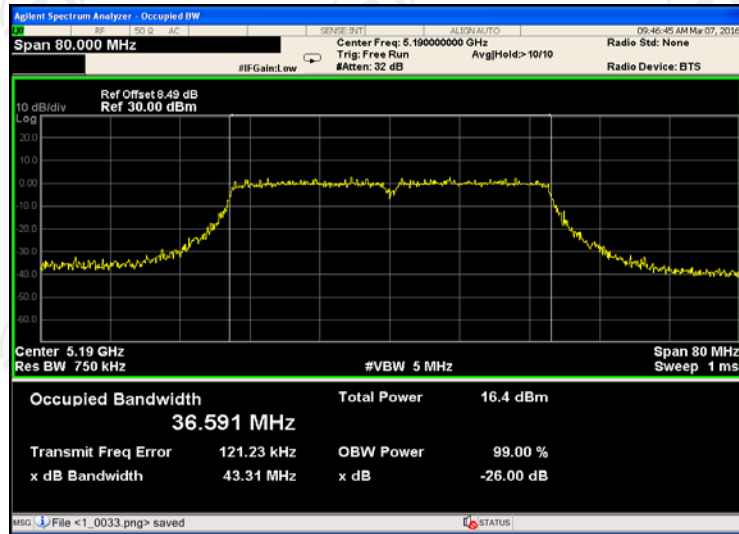


CH48

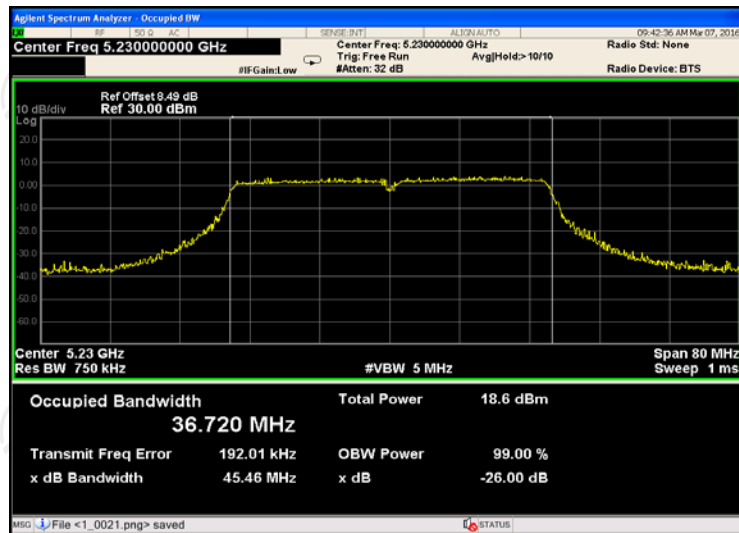


11ac(HT40)

CH38

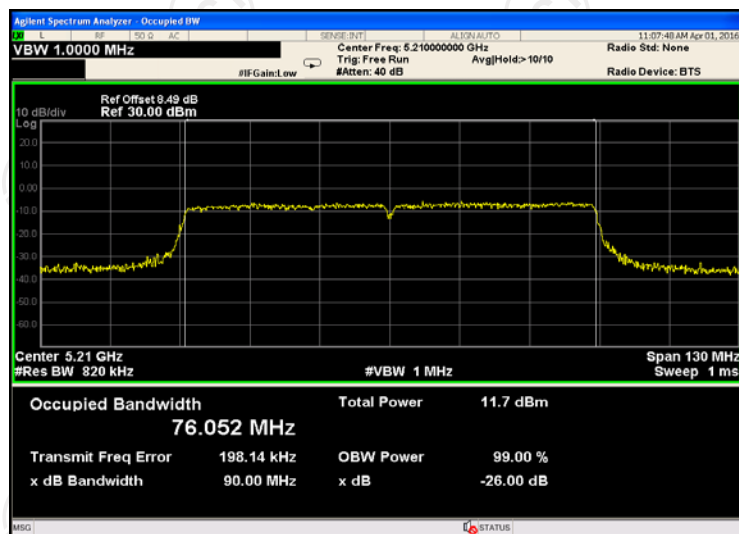


CH46



11ac(HT80)

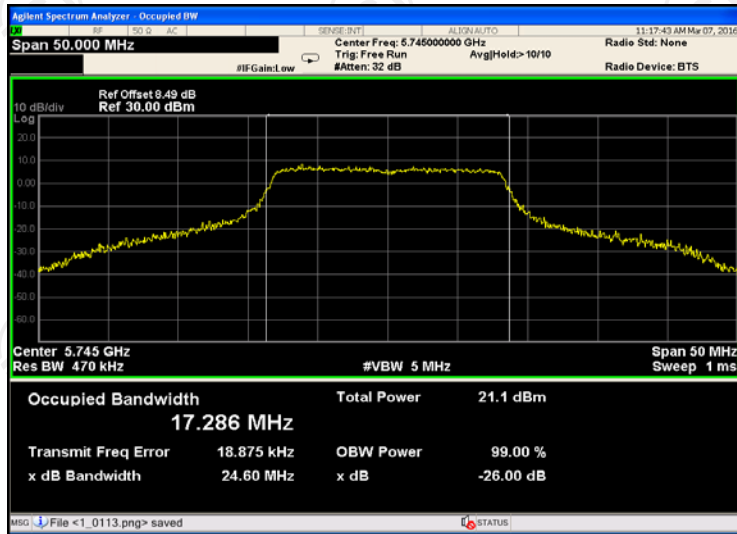
CH42



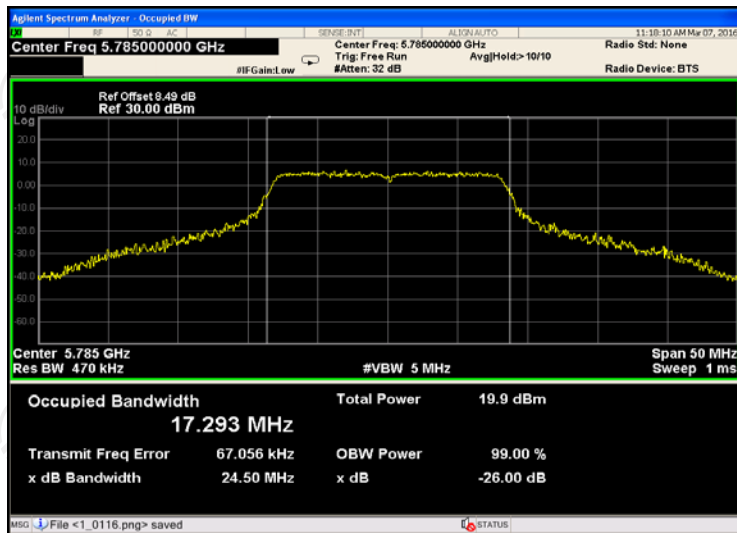
Band IV (5725 – 5850 MHz)

11a

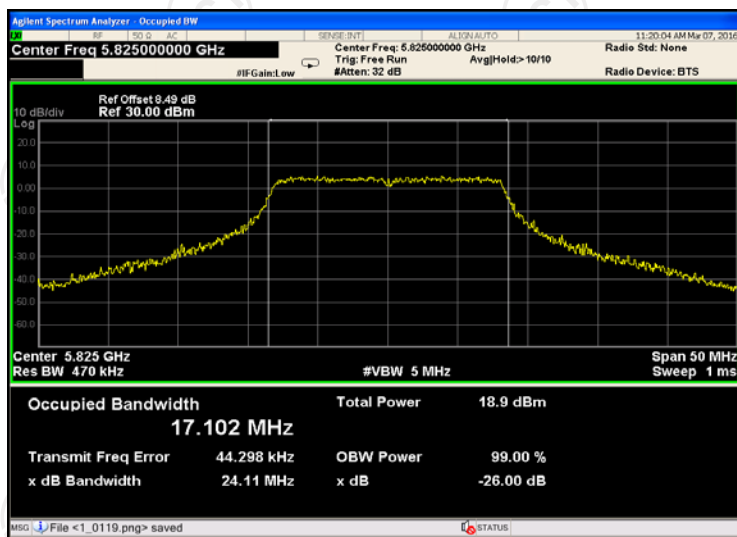
CH149



CH157

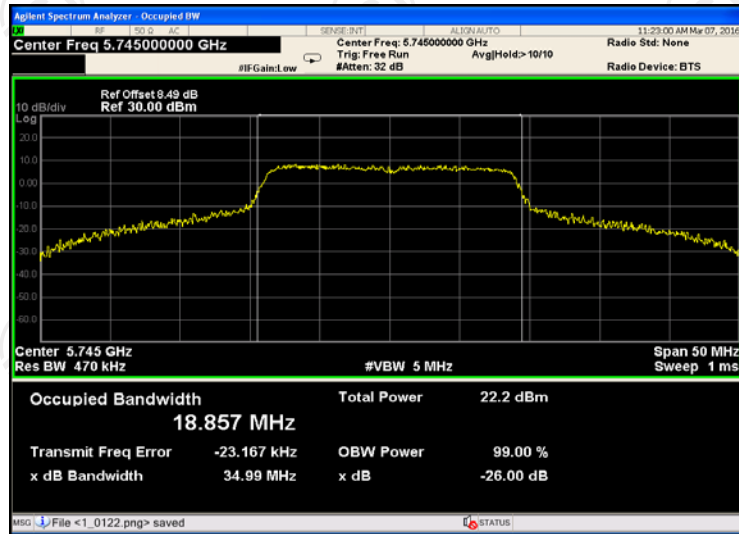


CH165

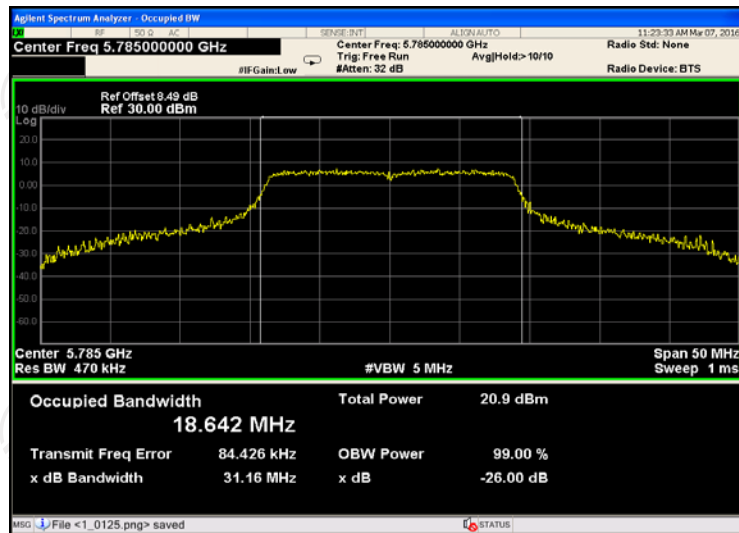


11n(HT20)

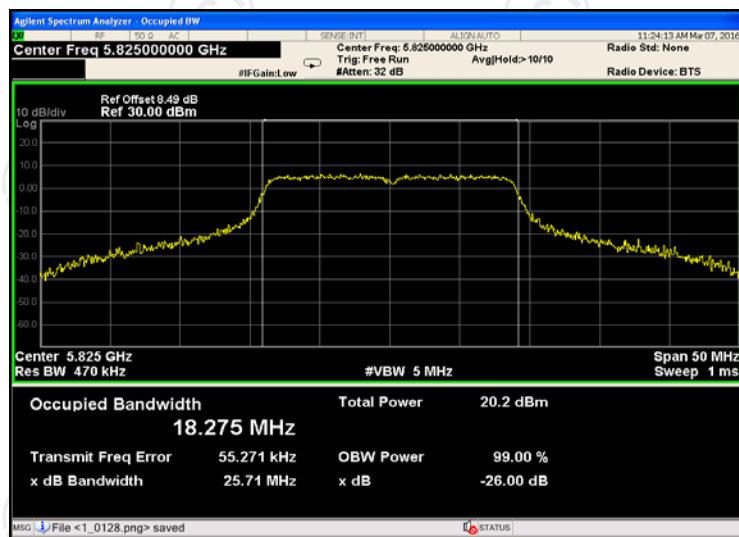
CH149



CH157

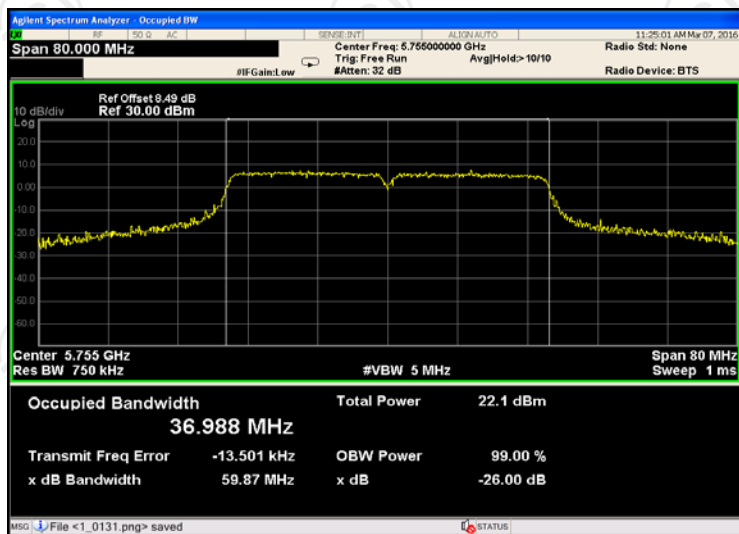


CH165

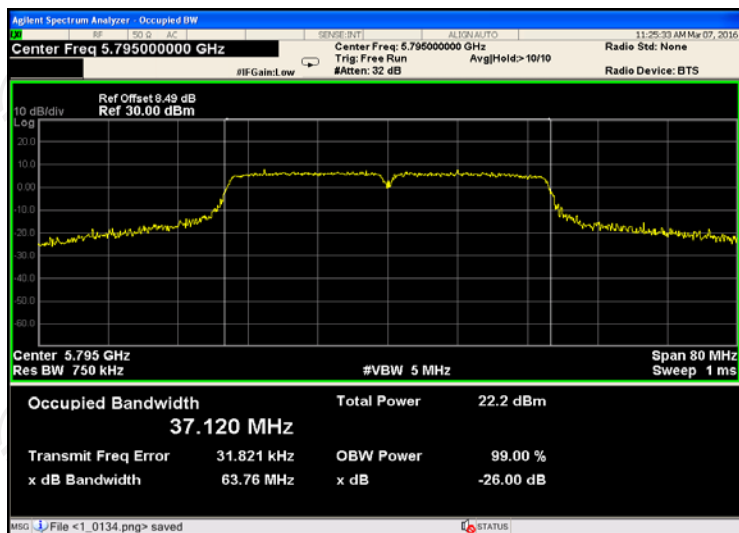


11n(HT40)

CH151

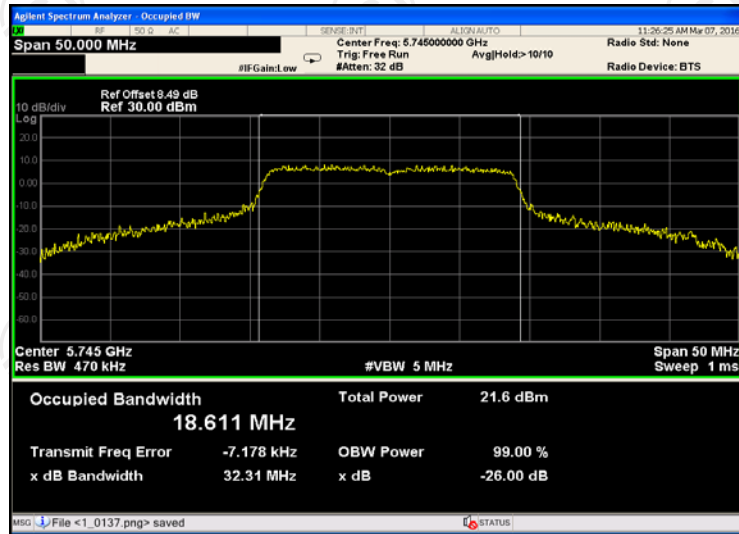


CH159

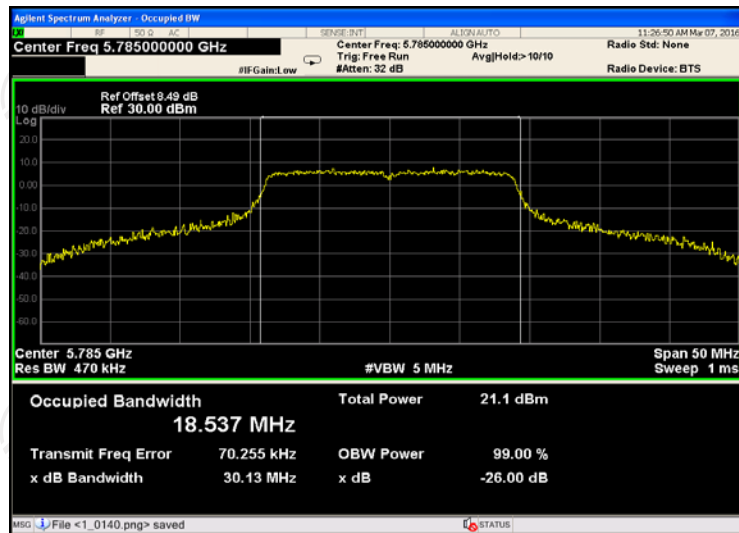


11ac(HT20)

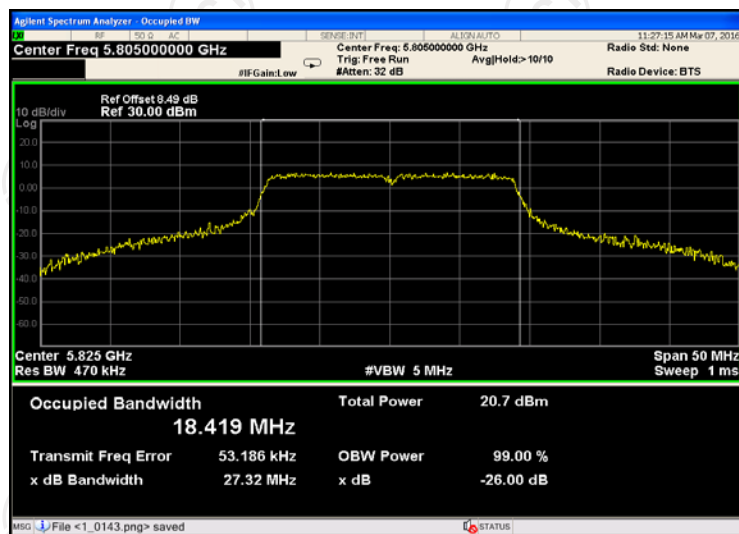
CH149



CH157

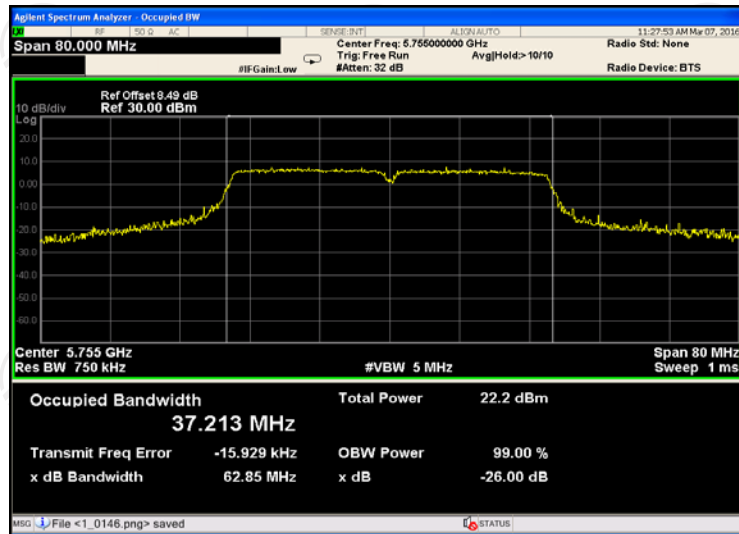


CH165

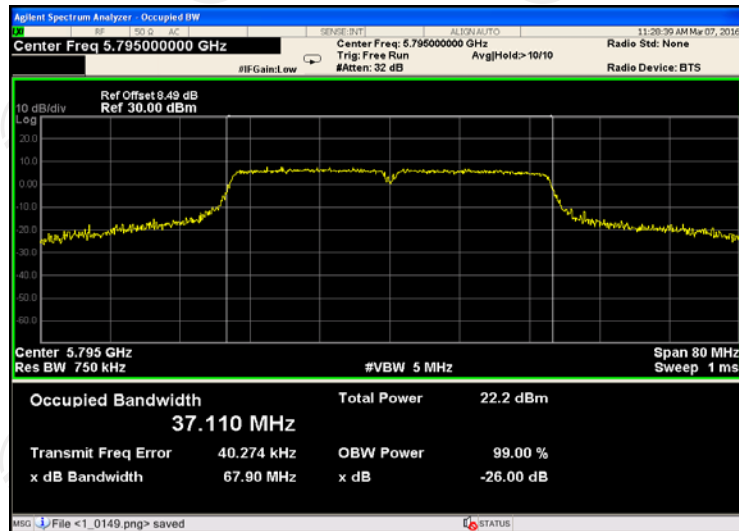


11ac(HT40)

CH151

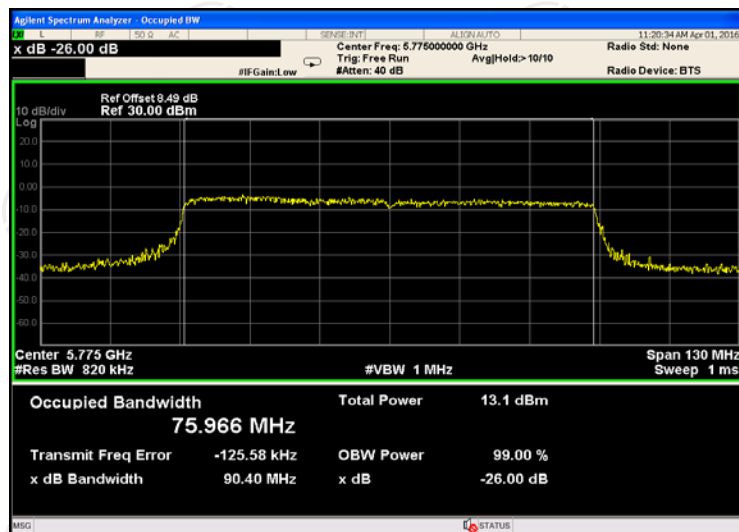


CH159



11ac(HT80)

CH155



6.6.3. Test data

Configuration Band I (5150 - 5250 MHz) / Antenna 0+Antenna 1+ Antenna 2							
Mode	Test channel	Power Spectral Density				Limit (dBm/MHz)	Result
		Ant0	Ant1	Ant2	Total		
11a	CH36	8.376	8.219	8.315	13.08	15.20	PASS
11a	CH44	9.421	10.655	10.442	14.98	15.20	PASS
11a	CH48	8.521	8.656	7.857	13.13	15.20	PASS
11n(HT20)	CH36	8.494	8.146	8.315	13.09	15.20	PASS
11n(HT20)	CH44	9.849	10.333	10.839	15.13	15.20	PASS
11n(HT20)	CH48	8.185	8.324	7.857	12.90	15.20	PASS
11n(HT40)	CH38	4.782	4.895	4.842	9.61	15.20	PASS
11n(HT40)	CH46	5.741	5.972	5.62	10.55	15.20	PASS
11ac(HT20)	CH36	7.975	8.276	8.315	12.96	15.20	PASS
11ac(HT20)	CH44	9.746	10.097	11.082	15.12	15.20	PASS
11ac(HT20)	CH48	8.103	8.208	7.857	12.83	15.20	PASS
11ac(HT40)	CH38	4.975	4.77	5.325	9.80	15.20	PASS
11ac(HT40)	CH46	5.983	5.572	5.62	10.50	15.20	PASS
11ac(HT80)	CH42	0.337	-1.698	0.045	4.42	15.20	PASS

Note: 1. All antennas have the same gain. $G_{ANT}=3\text{dBi}$, $\text{Array Gain}=10\log(N_{ANT}/N_{SS})=4.8\text{dBi}$

$\text{Directional Gain}=G_{ANT} + \text{Array Gain}=7.8\text{dBi}$, so $\text{limit}=17-(7.8-6)=15.2 \text{ dBm/MHz}$

2. The total PSD method used the sum spectra maxima across the outputs.

Configuration Band IV (5725 - 5850 MHz) / Antenna 0+Antenna 1+ Antenna 2							
Mode	Test channel	Power Spectral Density				Limit (dBm/MHz)	Result
		Ant0	Ant1	Ant2	Total		
11a	CH149	2.630	1.971	2.596	7.18	28.20	PASS
11a	CH157	4.663	4.074	4.363	9.14	28.20	PASS
11a	CH161	1.046	1.568	0.532	5.84	28.20	PASS
11n (HT20)	CH149	2.240	1.957	2.522	7.02	28.20	PASS
11n (HT20)	CH157	4.845	4.441	4.84	9.48	28.20	PASS
11n (HT20)	CH161	0.085	0.183	0.101	4.89	28.20	PASS
11n (HT40)	CH151	-2.025	-1.552	-2.108	2.88	28.20	PASS
11n (HT40)	CH159	-2.609	-2.110	-2.887	2.25	28.20	PASS
11ac (HT20)	CH149	1.659	2.555	1.803	6.79	28.20	PASS
11ac (HT20)	CH157	4.368	4.442	4.141	9.09	28.20	PASS
11ac (HT20)	CH161	0.844	0.896	0.399	5.49	28.20	PASS
11ac (HT40)	CH151	-1.394	-2.050	-2.095	2.94	28.20	PASS
11ac (HT40)	CH159	-2.356	-2.819	-2.186	2.33	28.20	PASS
11ac(HT80)	CH155	-1.677	-2.202	-2.154	2.77	28.20	PASS

Note: 1. All antennas have the same gain. $G_{ANT}=3\text{dBi}$, $\text{Array Gain}=10\log(N_{ANT}/N_{SS})=4.8\text{dBi}$

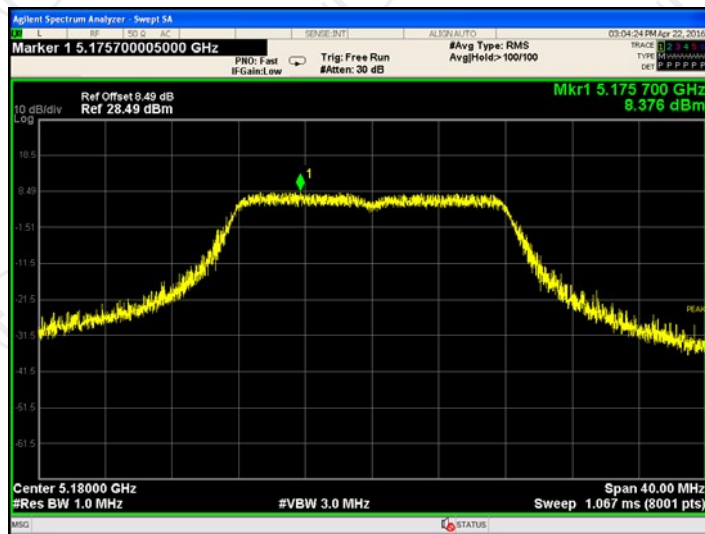
$\text{Directional Gain}=G_{ANT} + \text{Array Gain}=7.8\text{dBi}$, so $\text{limit}=30-(7.8-6)=28.2 \text{ dBm/MHz}$

2. The total PSD method used the sum spectra maxima across the outputs.

Test plots as follows:

ANT 0
Band I (5150 – 5250 MHz)
11a

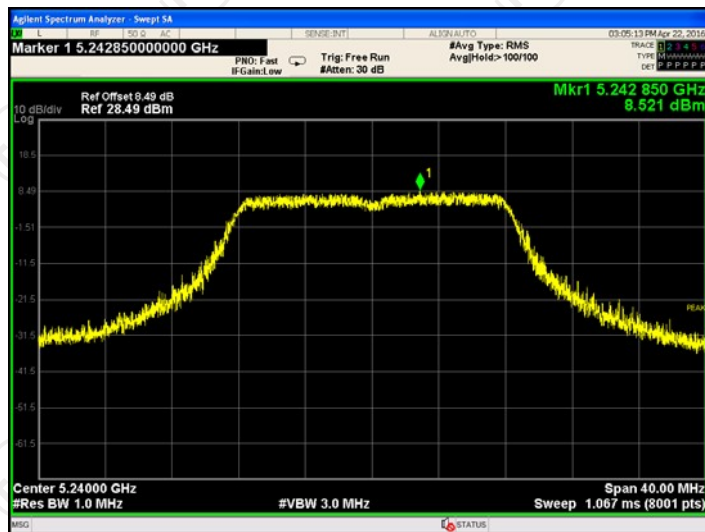
CH36



CH44

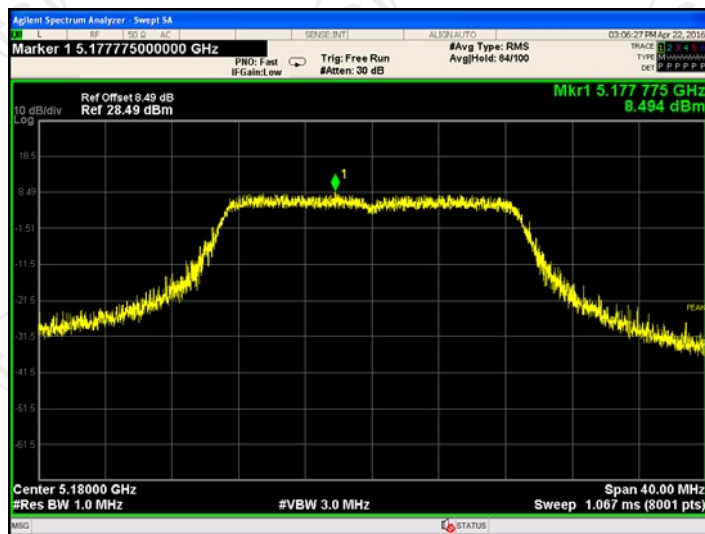


CH48



11n(HT20)

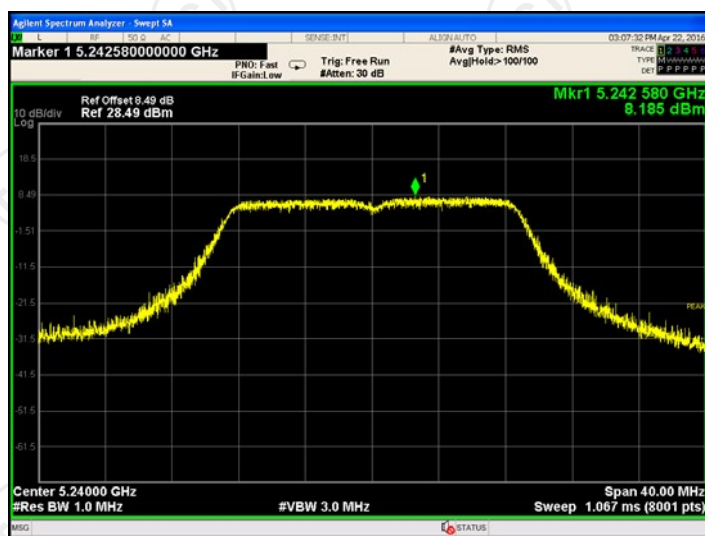
CH36



CH44



CH48



11n(HT40)

CH38



CH46

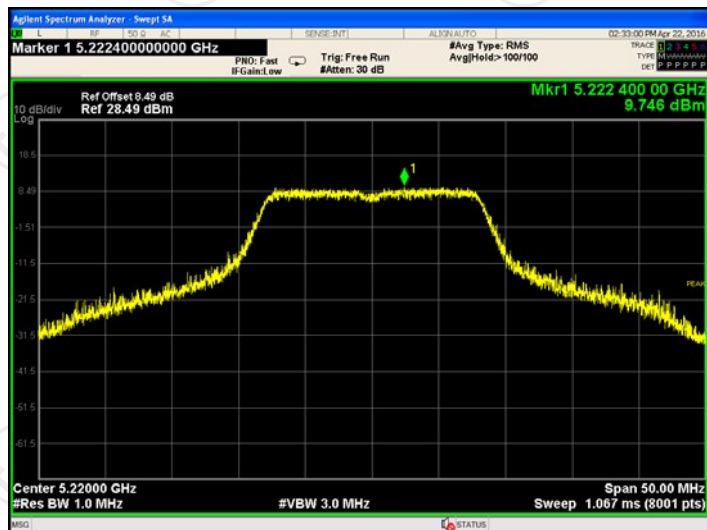


11ac(HT20)

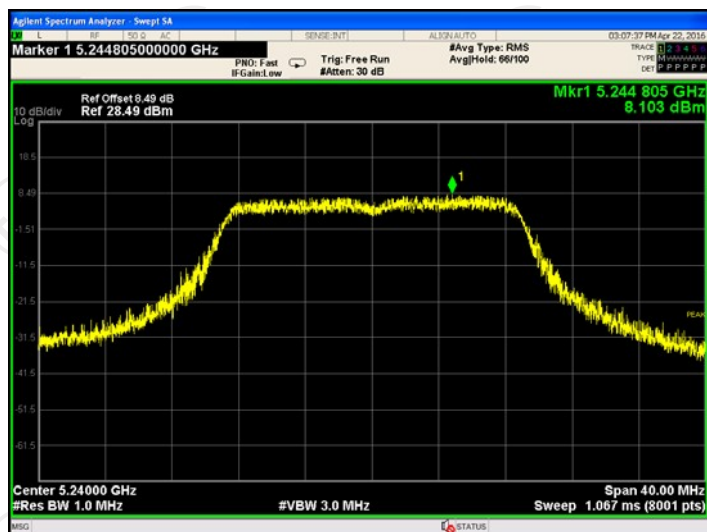
CH36



CH44



CH48

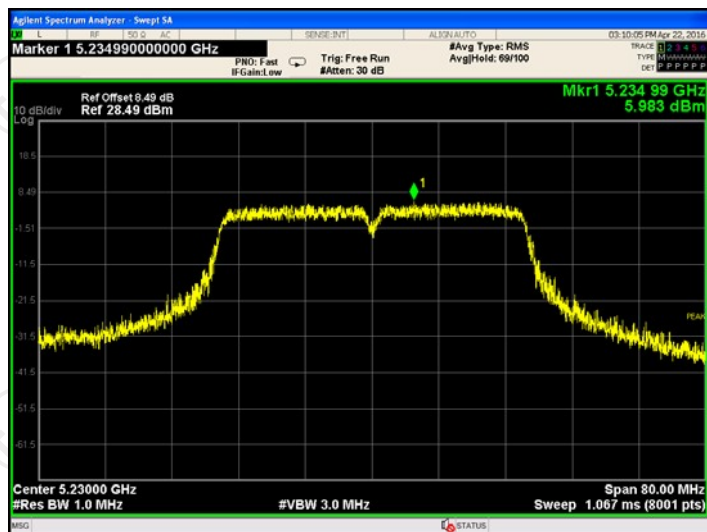


11ac(HT40)

CH38

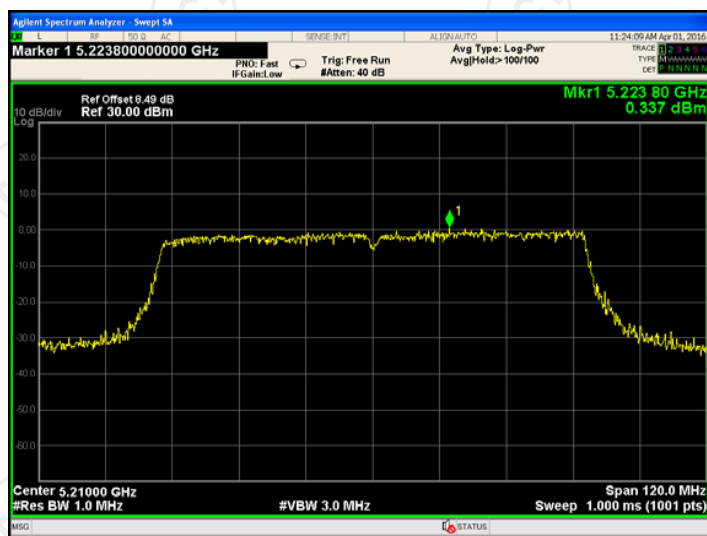


CH46



11ac(HT80)

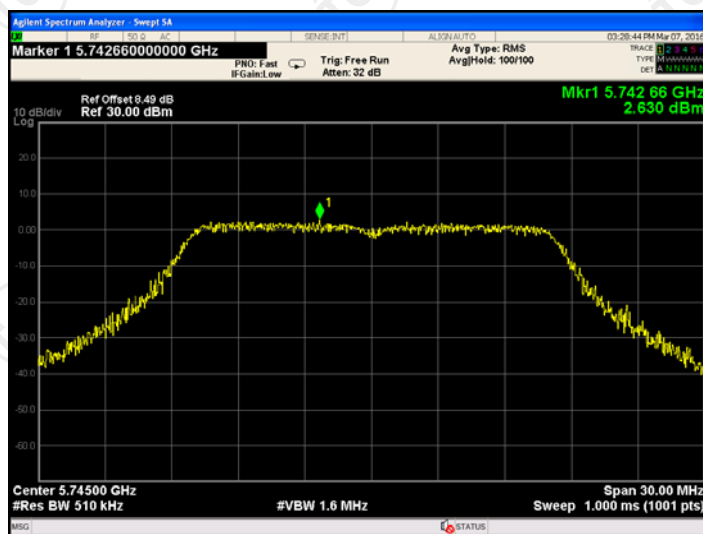
CH42



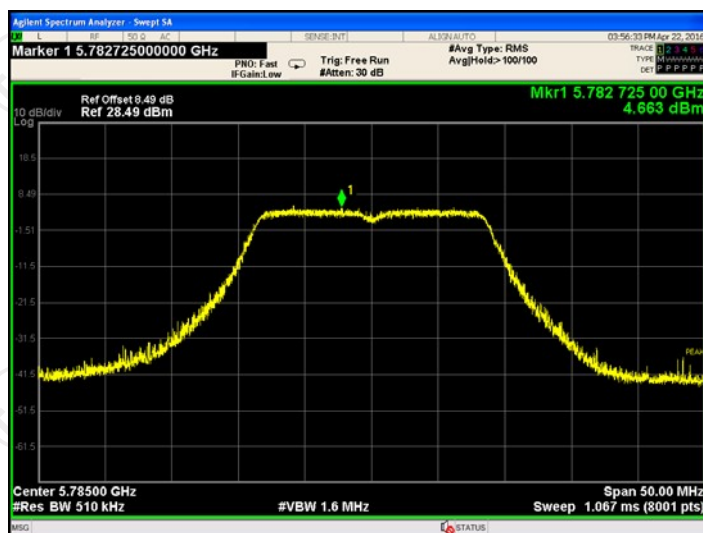
Band IV (5725 – 5850 MHz)

11a

CH149



CH157



CH165

