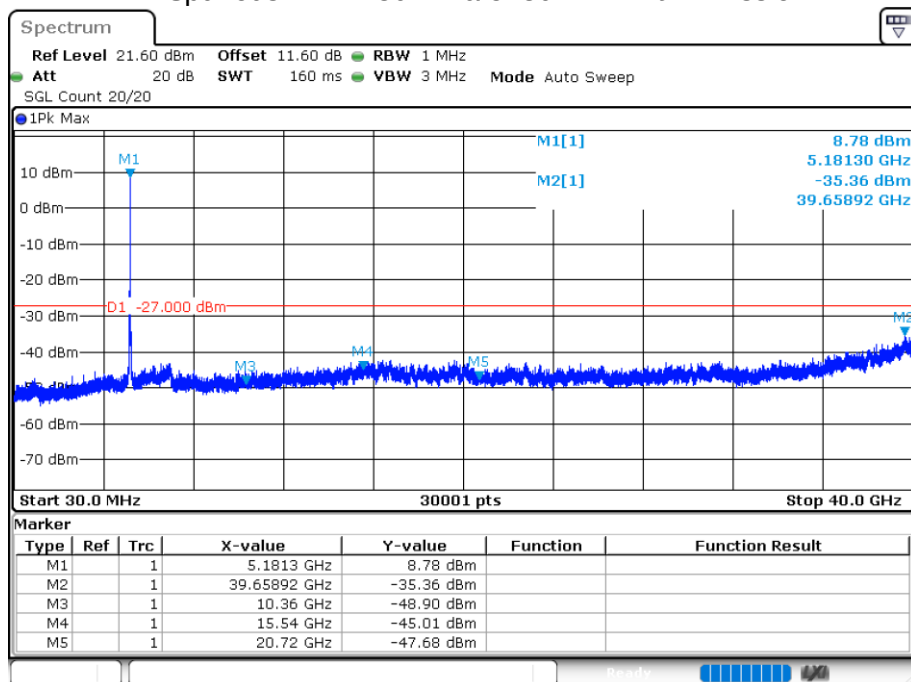


CONDUCTED RF SPURIOUS EMISSION

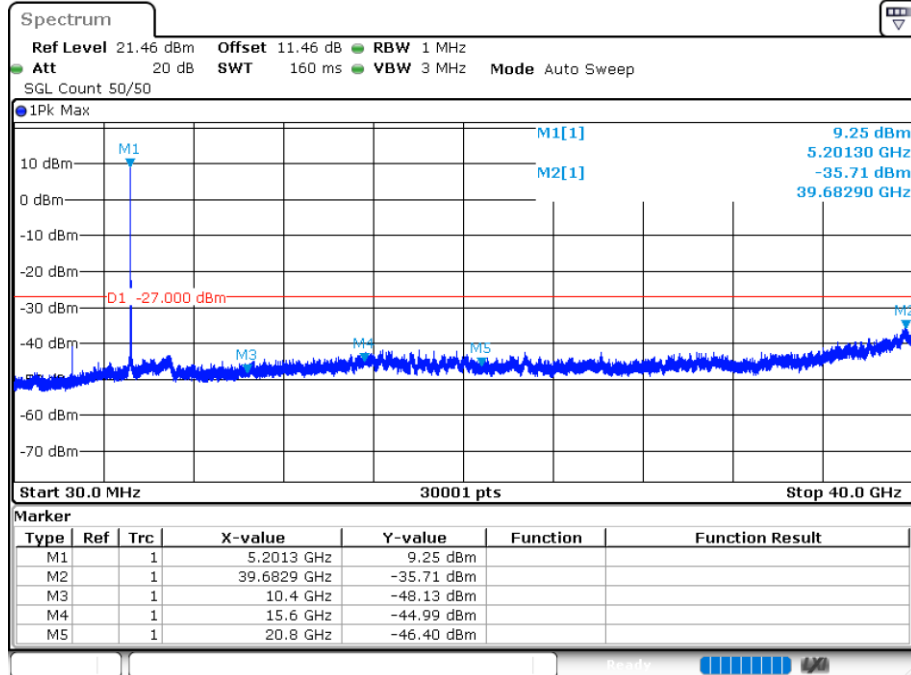
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5180	Ant 1	-35.36	-27	Pass
NVNT	802.11a	5200	Ant 1	-35.71	-27	Pass
NVNT	802.11a	5240	Ant 1	-34.99	-27	Pass
NVNT	802.11ac20	5180	Ant 1	-34.52	-27	Pass
NVNT	802.11ac20	5200	Ant 1	-35.35	-27	Pass
NVNT	802.11ac20	5240	Ant 1	-35.10	-27	Pass
NVNT	802.11ac40	5190	Ant 1	-35.83	-27	Pass
NVNT	802.11ac40	5230	Ant 1	-35.11	-27	Pass
NVNT	802.11ac80	5210	Ant 1	-35.76	-27	Pass
NVNT	802.11n(HT20)	5180	Ant 1	-35.02	-27	Pass
NVNT	802.11n(HT20)	5200	Ant 1	-35.62	-27	Pass
NVNT	802.11n(HT20)	5240	Ant 1	-35.45	-27	Pass
NVNT	802.11n(HT40)	5190	Ant 1	-35.59	-27	Pass
NVNT	802.11n(HT40)	5230	Ant 1	-34.38	-27	Pass

Tx. Spurious NVNT 802.11a 5180MHz Ant1 Emission

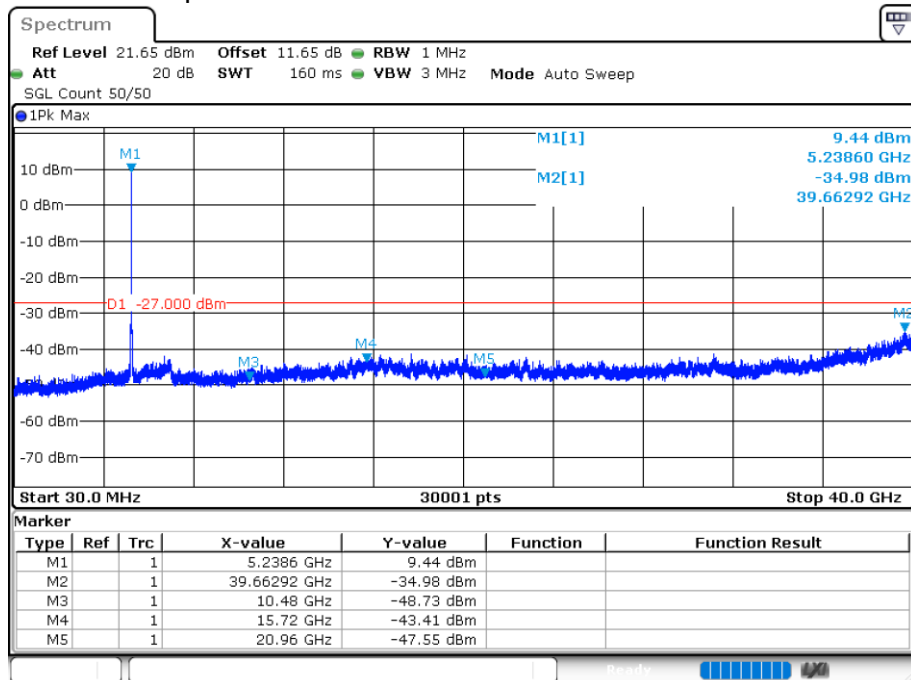


Date: 14.AUG.2020 14:32:19

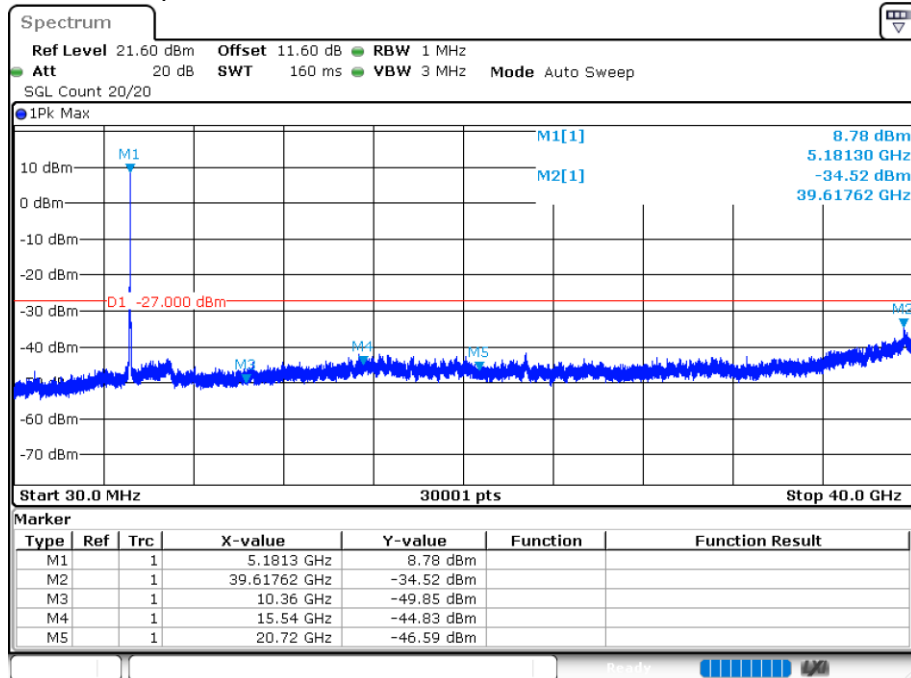
Tx. Spurious NVNT 802.11a 5200MHz Ant1 Emission



Tx. Spurious NVNT 802.11a 5240MHz Ant1 Emission

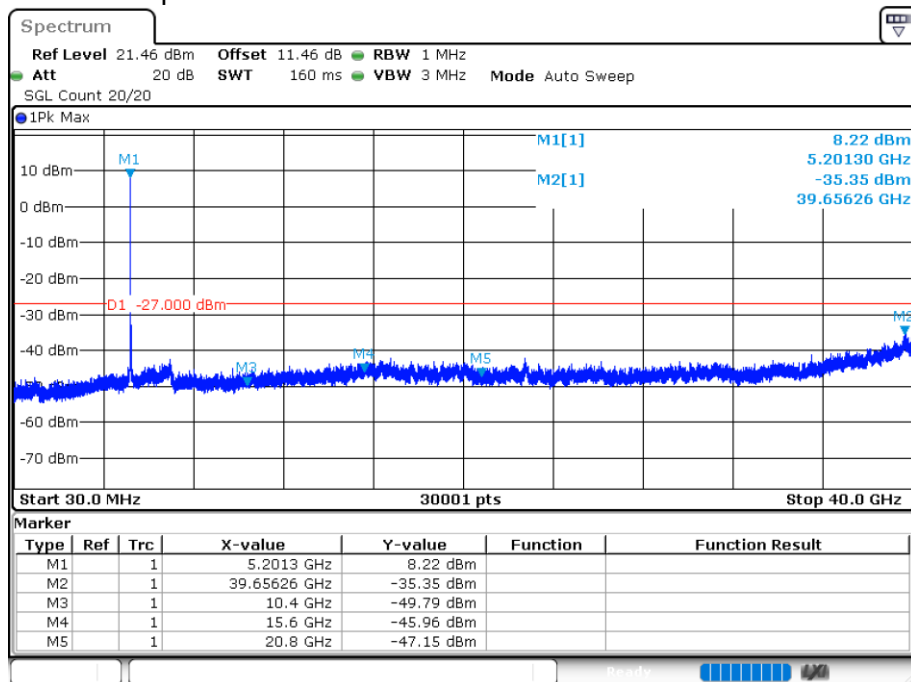


Tx. Spurious NVNT 802.11ac20 5180MHz Ant1 Emission



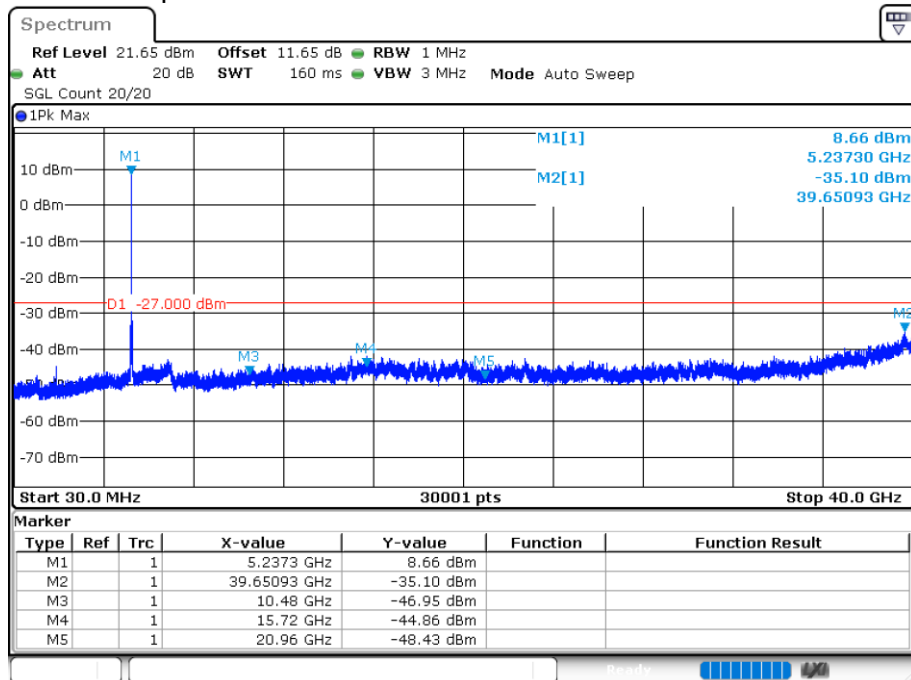
Date: 14.AUG.2020 14:40:37

Tx. Spurious NVNT 802.11ac20 5200MHz Ant1 Emission



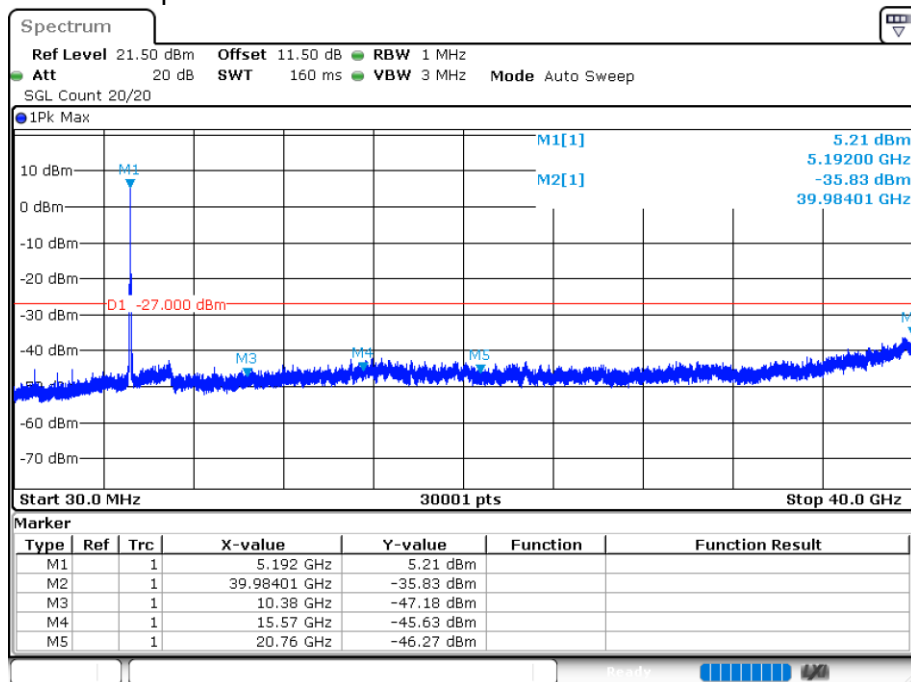
Date: 14.AUG.2020 14:41:45

Tx. Spurious NVNT 802.11ac20 5240MHz Ant1 Emission



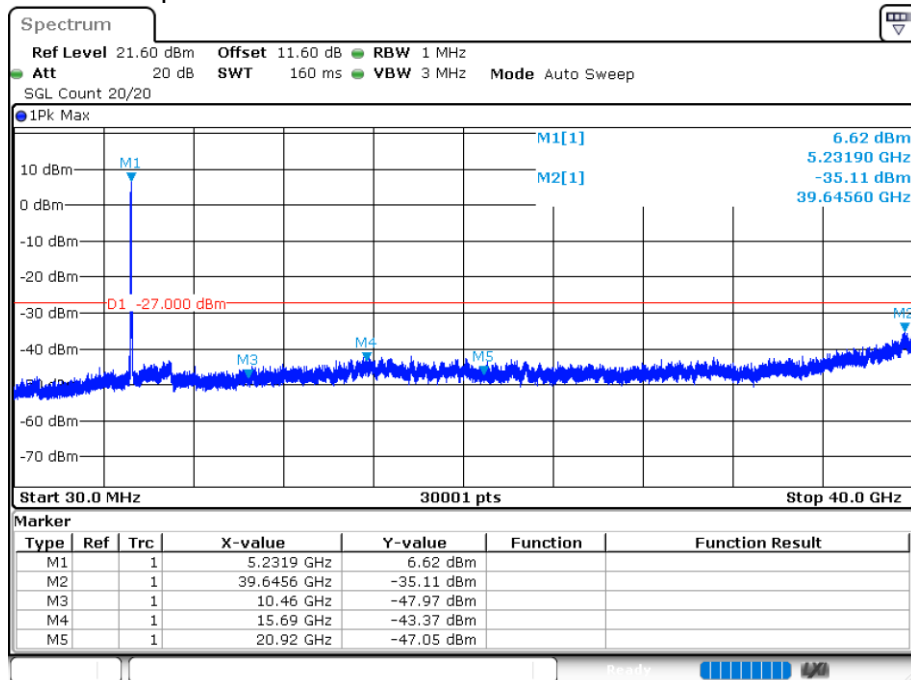
Date: 14.AUG.2020 14:43:00

Tx. Spurious NVNT 802.11ac40 5190MHz Ant1 Emission



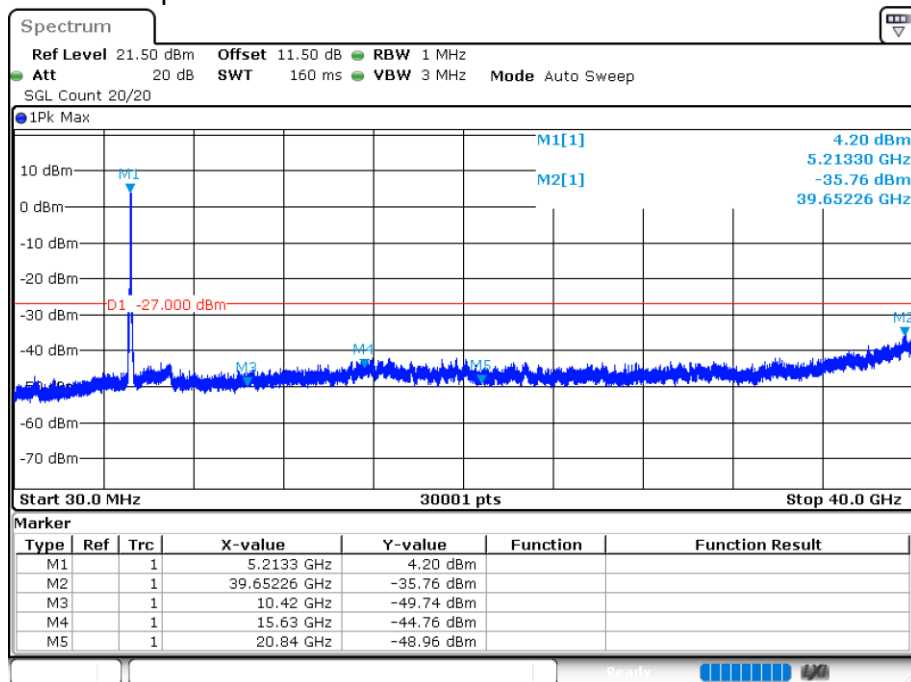
Date: 14.AUG.2020 14:47:15

Tx. Spurious NVNT 802.11ac40 5230MHz Ant1 Emission



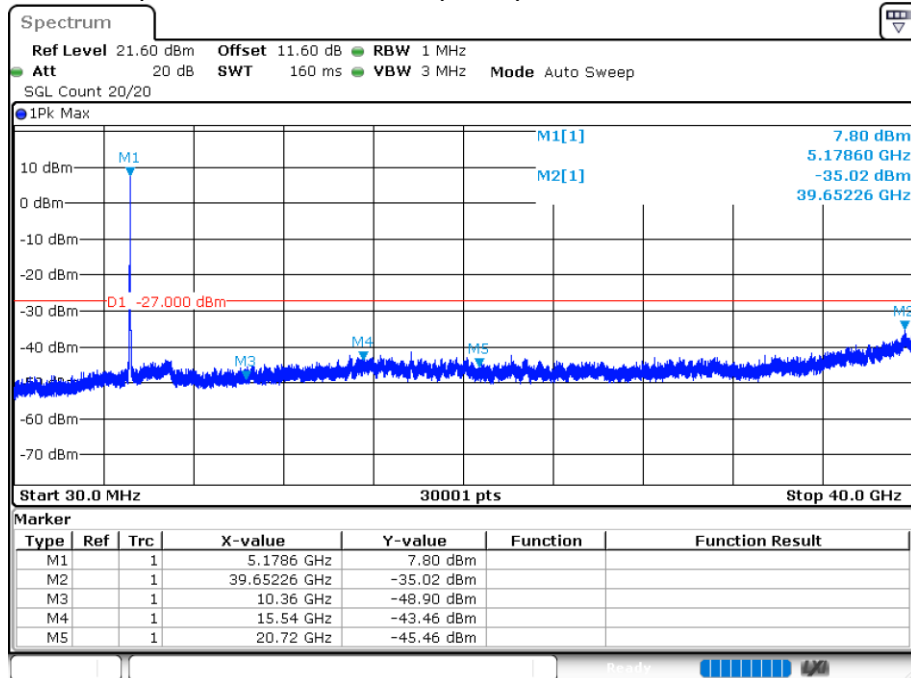
Date: 14.AUG.2020 14:48:42

Tx. Spurious NVNT 802.11ac80 5210MHz Ant1 Emission



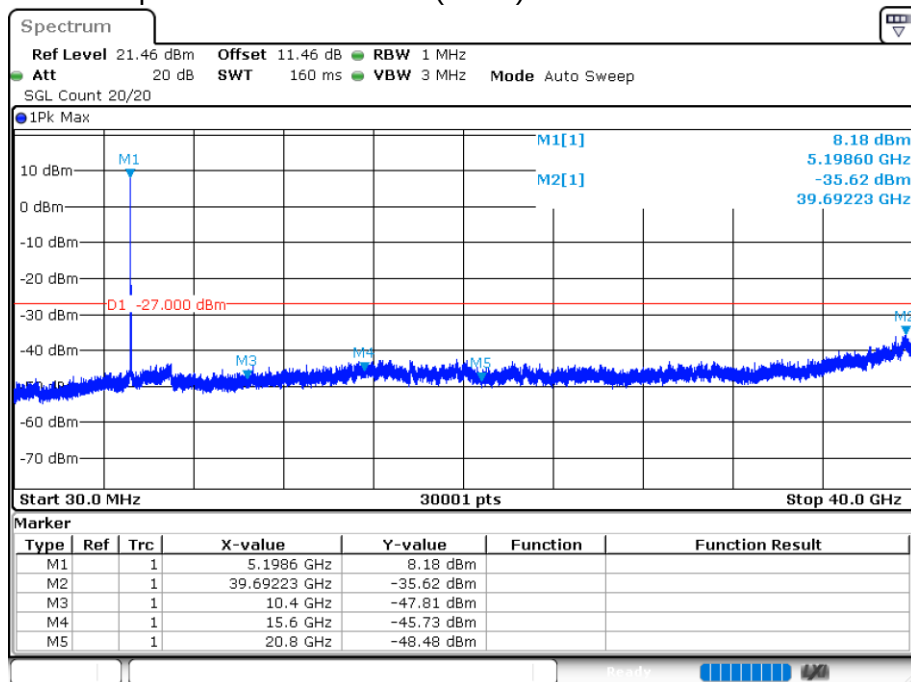
Date: 14.AUG.2020 14:50:07

Tx. Spurious NVNT 802.11n(HT20) 5180MHz Ant1 Emission



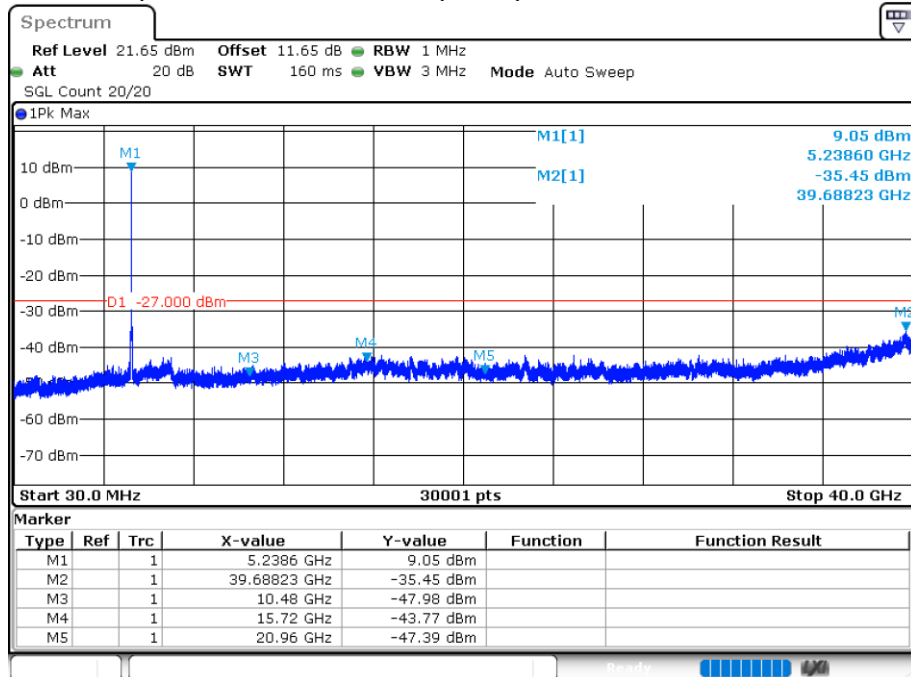
Date: 14.AUG.2020 14:36:25

Tx. Spurious NVNT 802.11n(HT20) 5200MHz Ant1 Emission



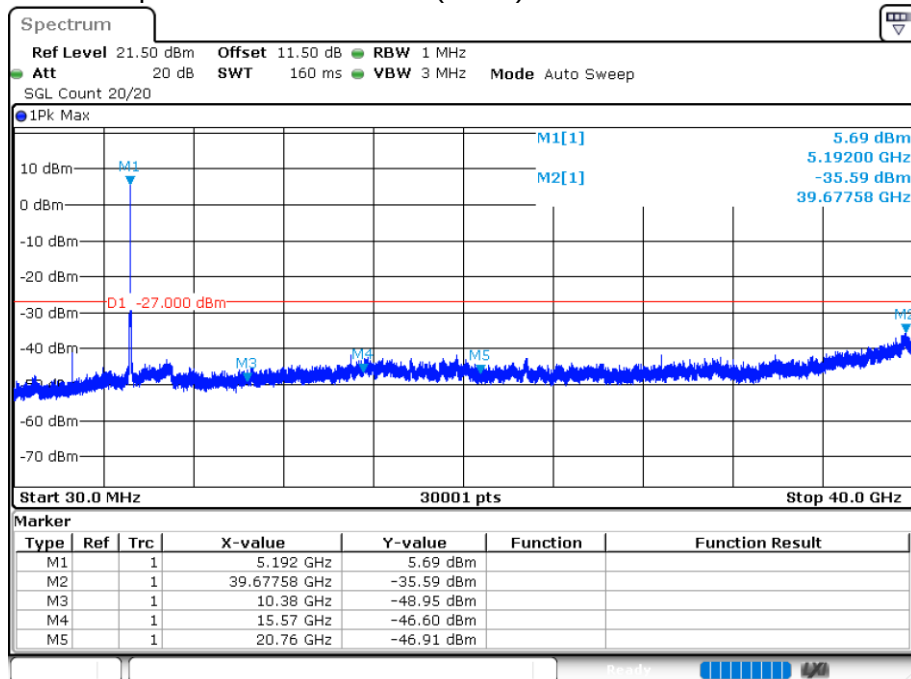
Date: 14.AUG.2020 14:37:56

Tx. Spurious NVNT 802.11n(HT20) 5240MHz Ant1 Emission



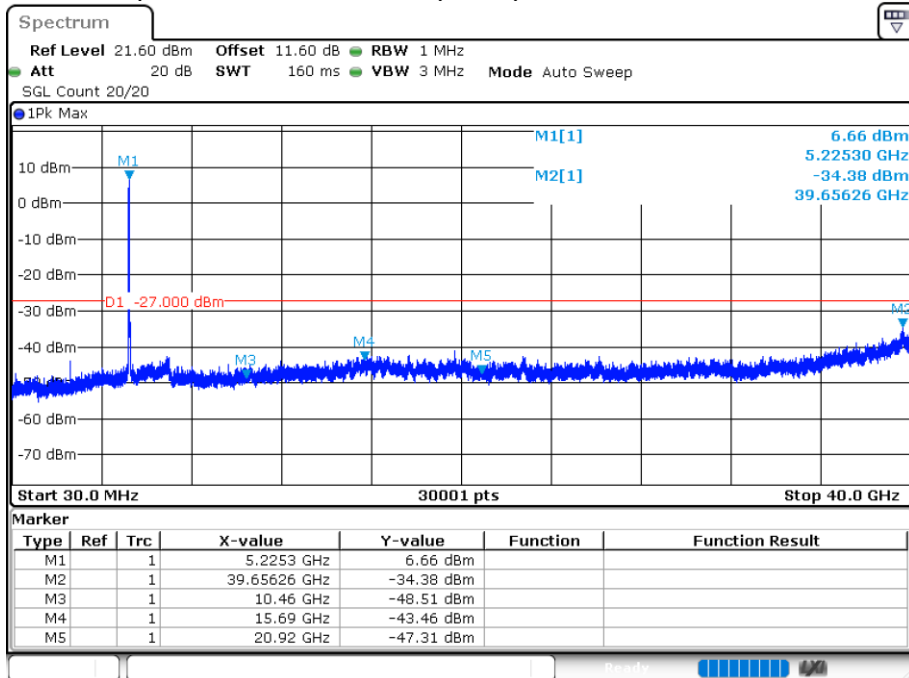
Date: 14.AUG.2020 14:39:12

Tx. Spurious NVNT 802.11n(HT40) 5190MHz Ant1 Emission



Date: 14.AUG.2020 14:44:30

Tx. Spurious NVNT 802.11n(HT40) 5230MHz Ant1 Emission

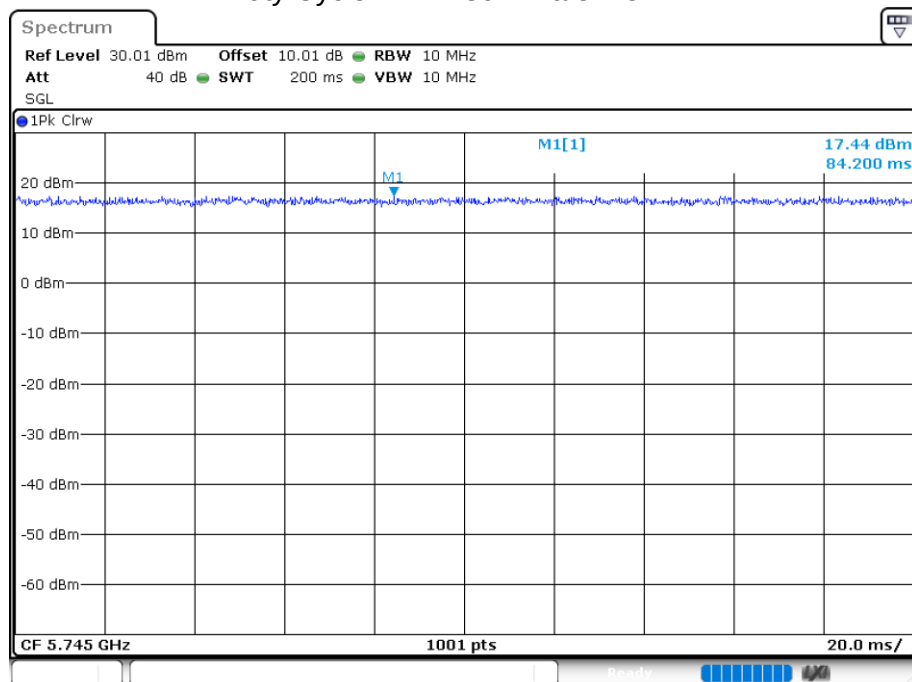


Date: 14.AUG.2020 14:45:48

5.8G
DUTY CYCLE

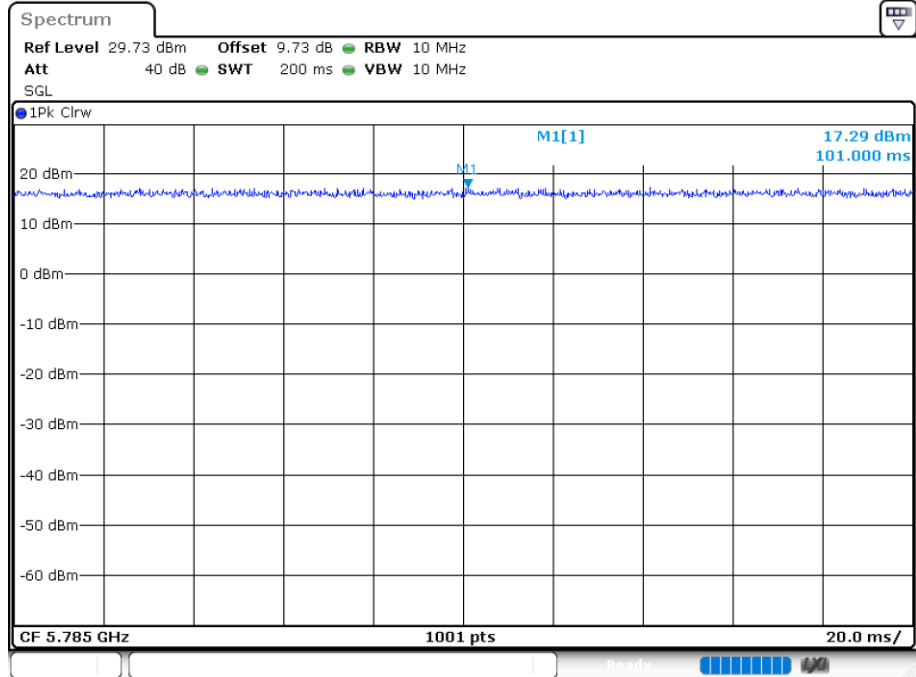
Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)
NVNT	802.11a	5745	100	0
NVNT	802.11a	5785	100	0
NVNT	802.11a	5825	100	0
NVNT	802.11ac20	5745	100	0
NVNT	802.11ac20	5785	100	0
NVNT	802.11ac20	5825	100	0
NVNT	802.11ac40	5755	100	0
NVNT	802.11ac40	5795	100	0
NVNT	802.11ac80	5775	100	0
NVNT	802.11n(HT20)	5745	100	0
NVNT	802.11n(HT20)	5785	100	0
NVNT	802.11n(HT20)	5825	100	0
NVNT	802.11n(HT40)	5755	100	0
NVNT	802.11n(HT40)	5795	100	0

Duty Cycle NVNT 802.11a 5745MHz

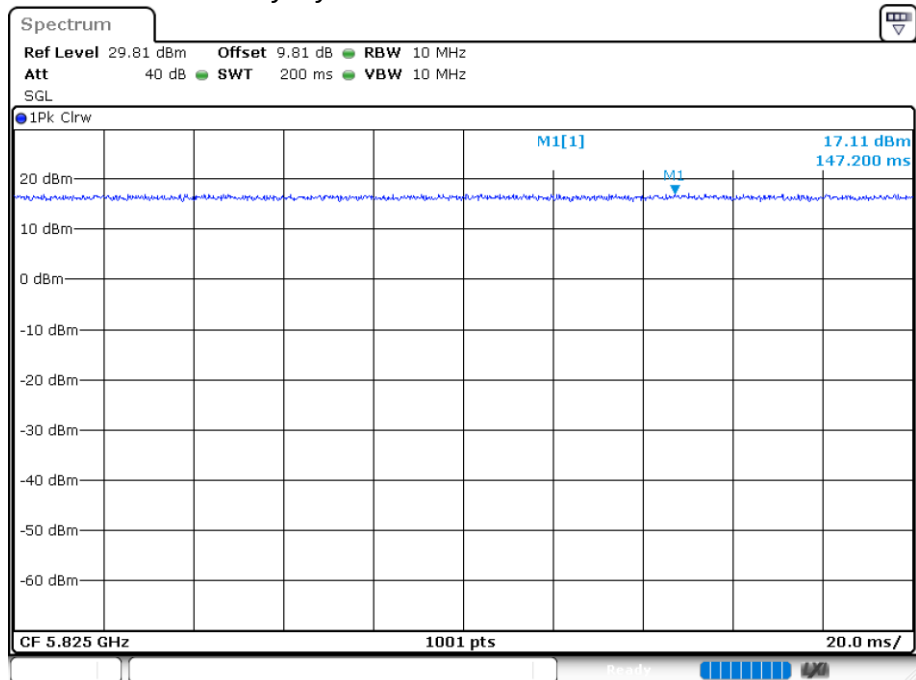


Date: 14.AUG.2020 14:56:59

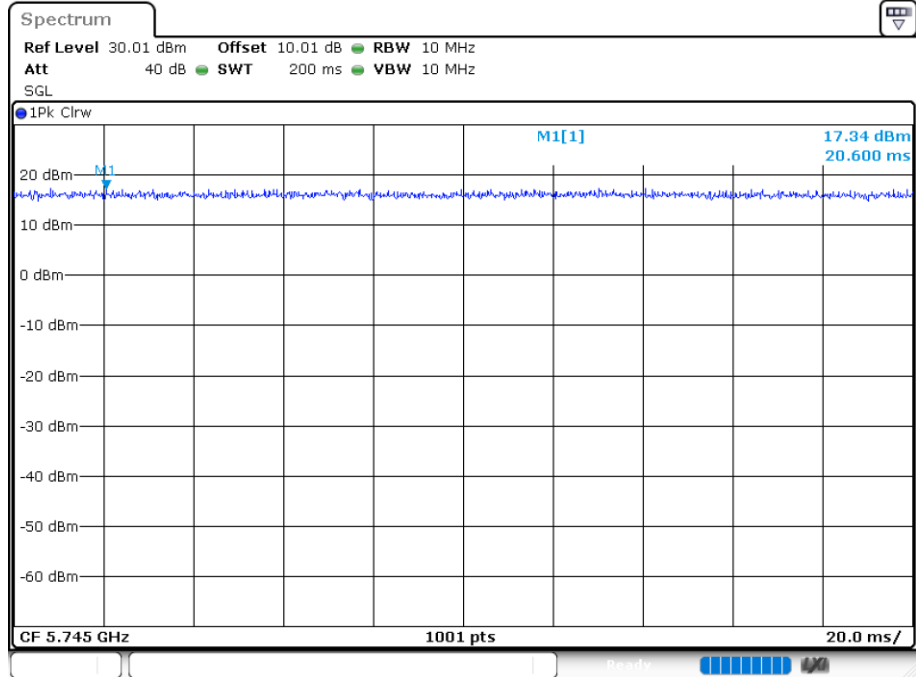
Duty Cycle NVNT 802.11a 5785MHz



Duty Cycle NVNT 802.11a 5825MHz

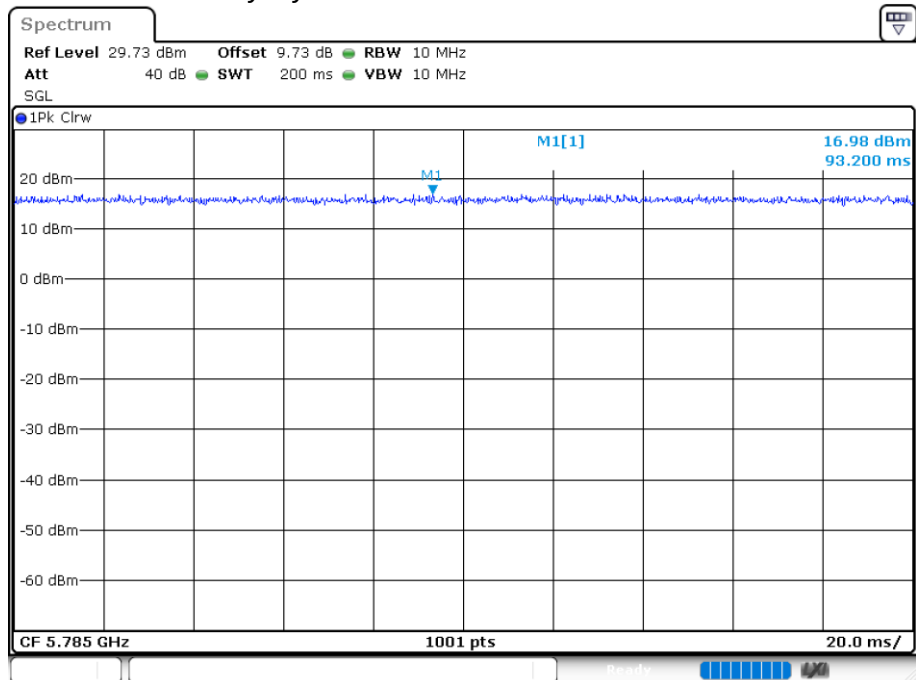


Duty Cycle NVNT 802.11ac20 5745MHz



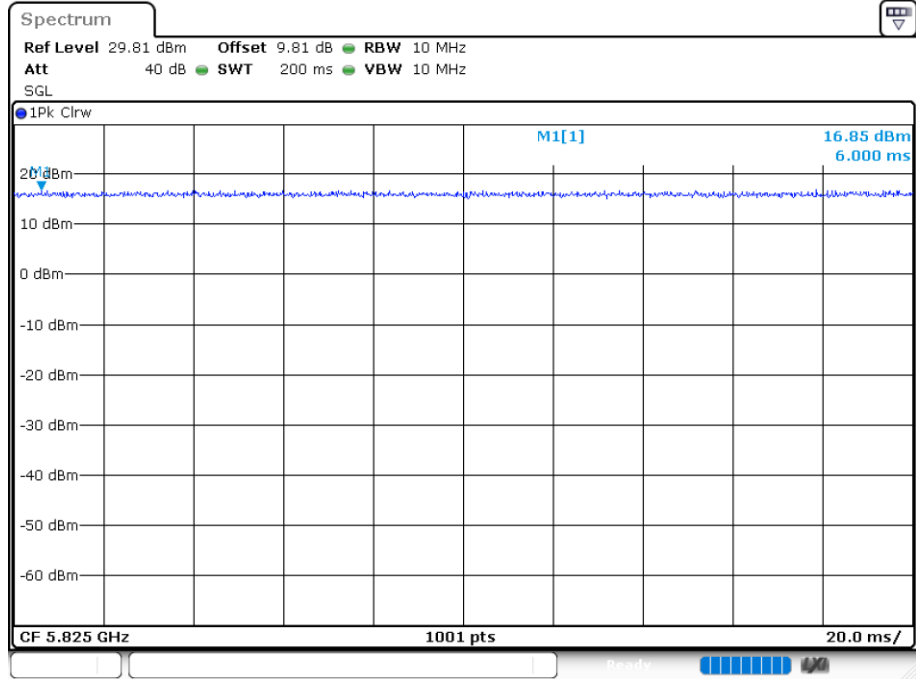
Date: 14.AUG.2020 15:22:46

Duty Cycle NVNT 802.11ac20 5785MHz



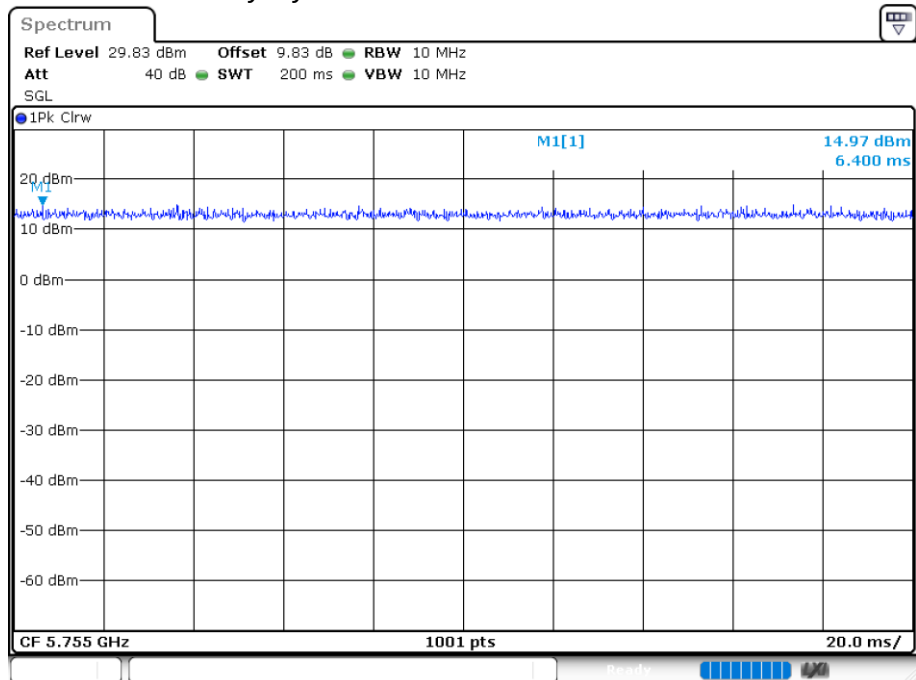
Date: 14.AUG.2020 15:26:17

Duty Cycle NVNT 802.11ac20 5825MHz



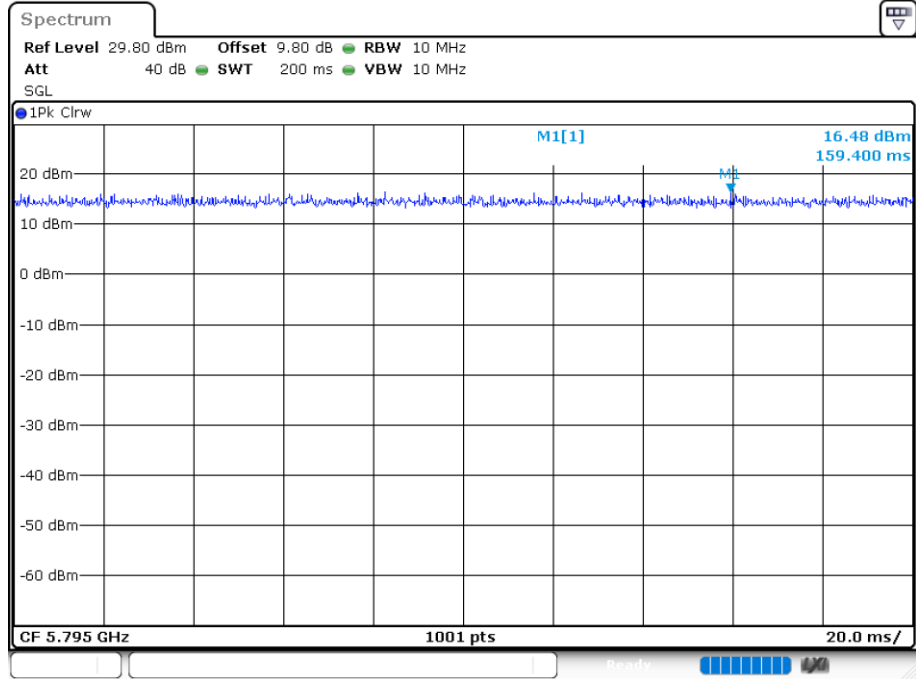
Date: 14.AUG.2020 15:28:10

Duty Cycle NVNT 802.11ac40 5755MHz

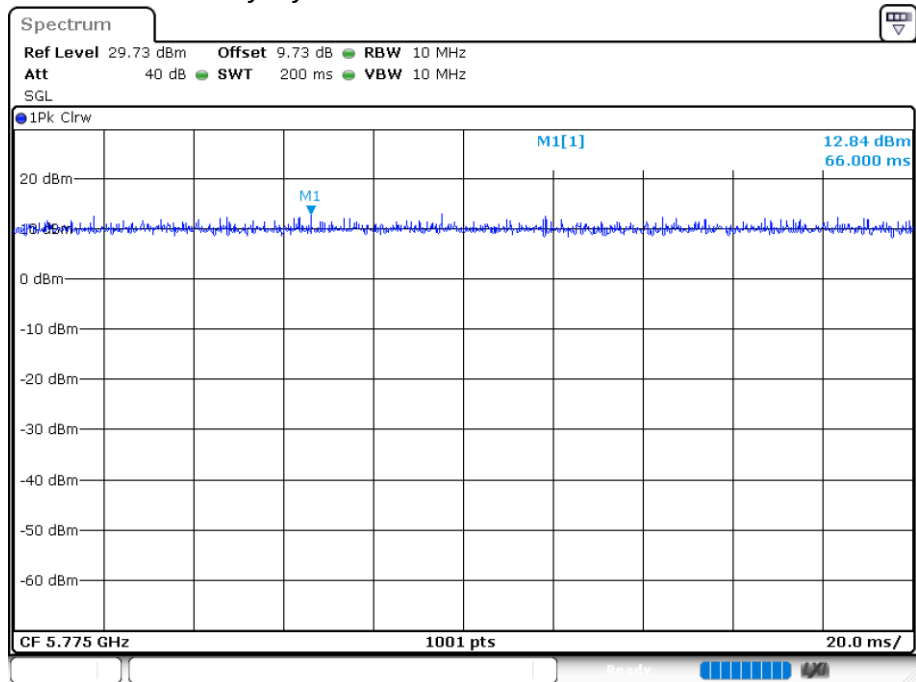


Date: 14.AUG.2020 15:30:26

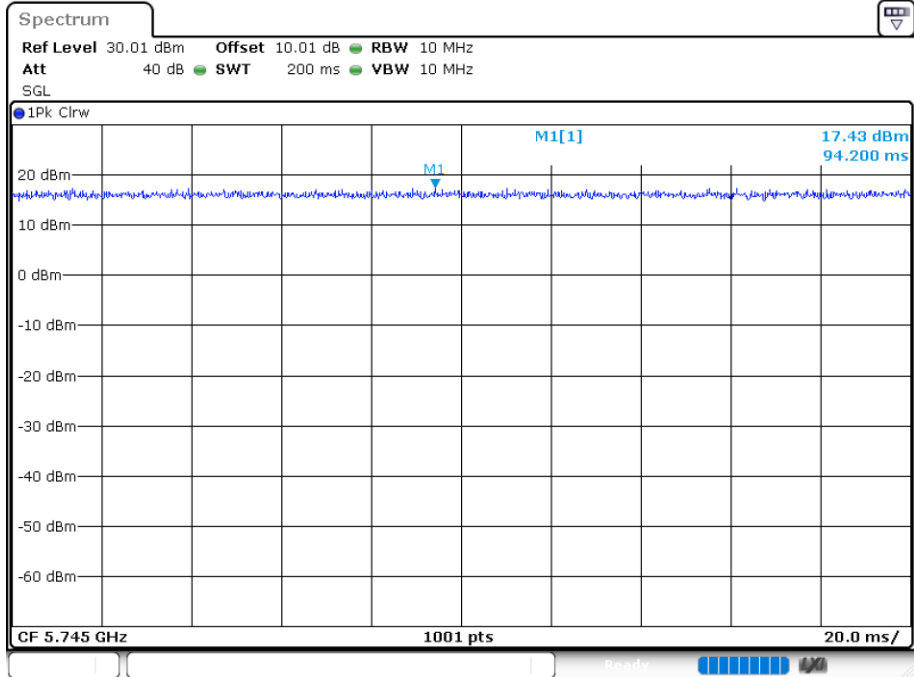
Duty Cycle NVNT 802.11ac40 5795MHz



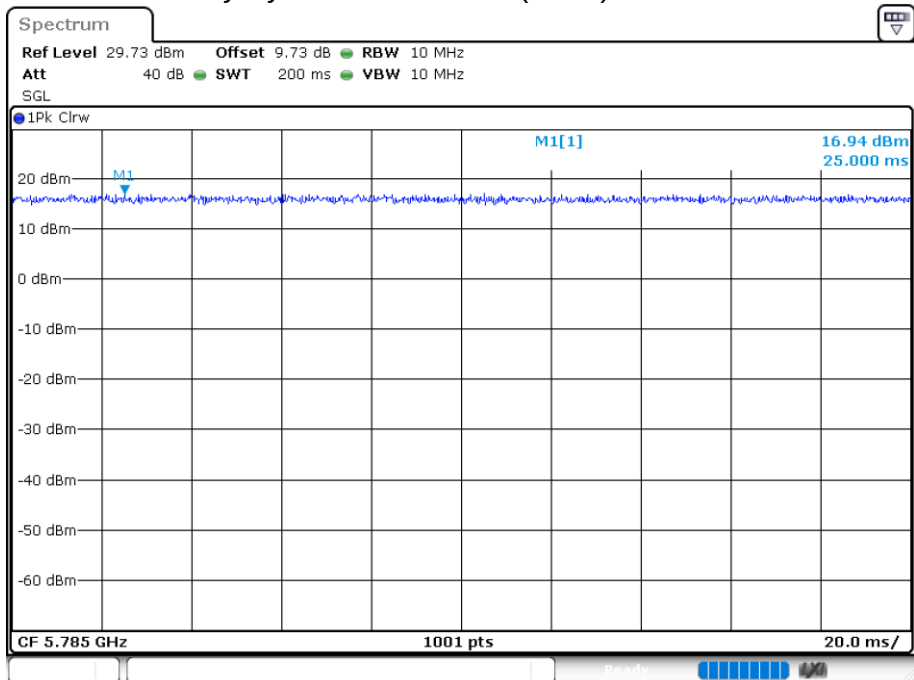
Duty Cycle NVNT 802.11ac80 5775MHz



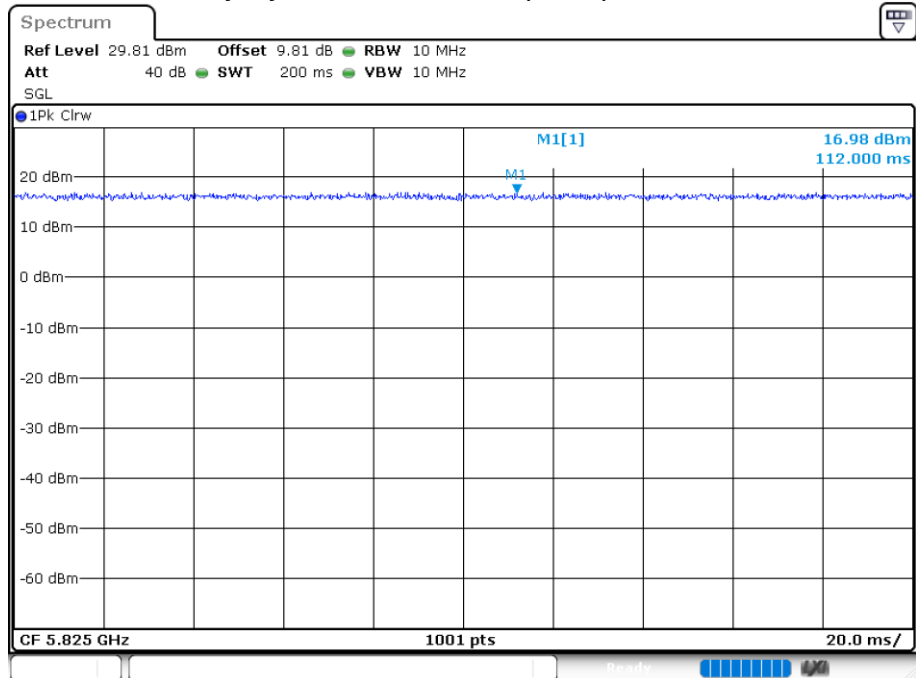
Duty Cycle NVNT 802.11n(HT20) 5745MHz



Duty Cycle NVNT 802.11n(HT20) 5785MHz

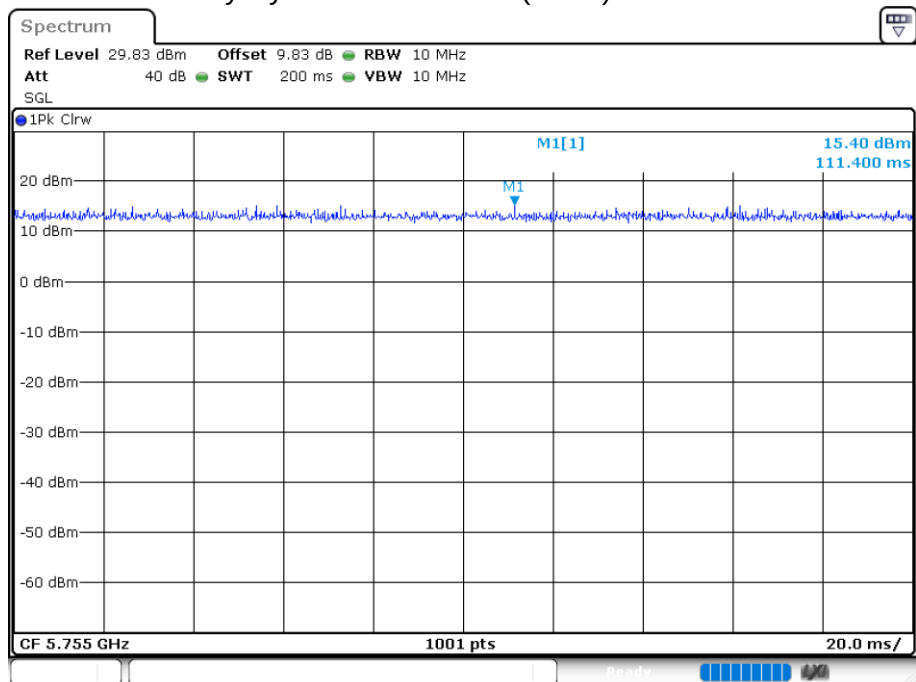


Duty Cycle NVNT 802.11n(HT20) 5825MHz



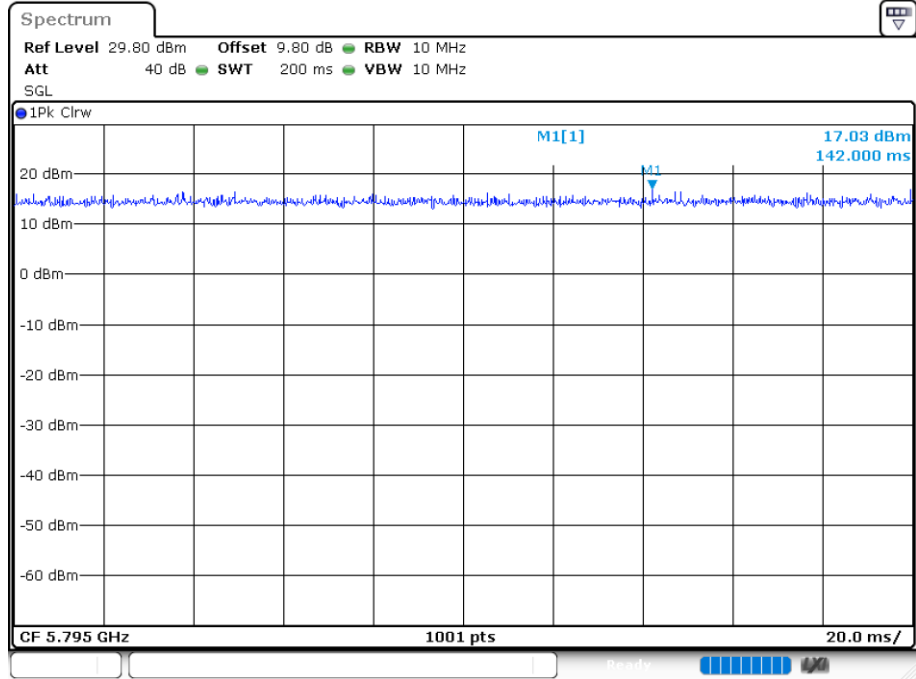
Date: 14.AUG.2020 15:16:26

Duty Cycle NVNT 802.11n(HT40) 5755MHz



Date: 14.AUG.2020 15:18:57

Duty Cycle NVNT 802.11n(HT40) 5795MHz



Date: 14.AUG.2020 15:20:43

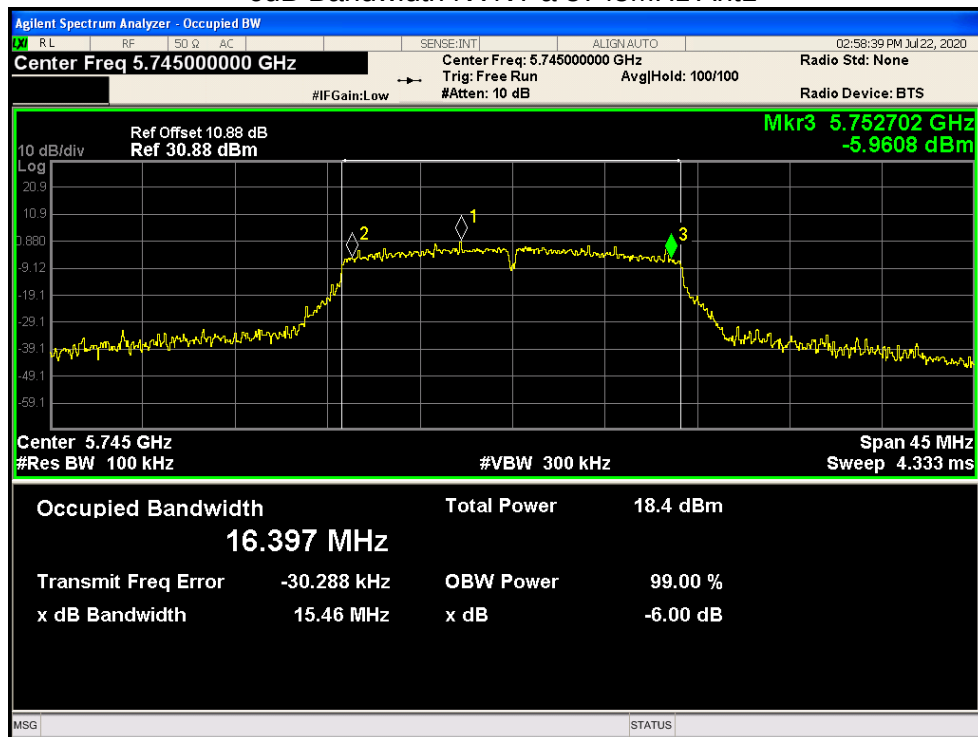
MAXIMUM CONDUCTED OUTPUT POWER

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	8.63	30	Pass
NVNT	a	5785	Ant1	8.14	30	Pass
NVNT	a	5825	Ant1	8.46	30	Pass
NVNT	ac20	5745	Ant1	8.4	30	Pass
NVNT	ac20	5785	Ant1	9.00	30	Pass
NVNT	ac20	5825	Ant1	7.45	30	Pass
NVNT	ac40	5755	Ant1	8.13	30	Pass
NVNT	ac40	5795	Ant1	8.75	30	Pass
NVNT	ac80	5775	Ant1	8.3	30	Pass
NVNT	n20	5745	Ant1	8.71	30	Pass
NVNT	n20	5785	Ant1	7.97	30	Pass
NVNT	n20	5825	Ant1	7.47	30	Pass
NVNT	n40	5755	Ant1	8.04	30	Pass
NVNT	n40	5795	Ant1	9.00	30	Pass

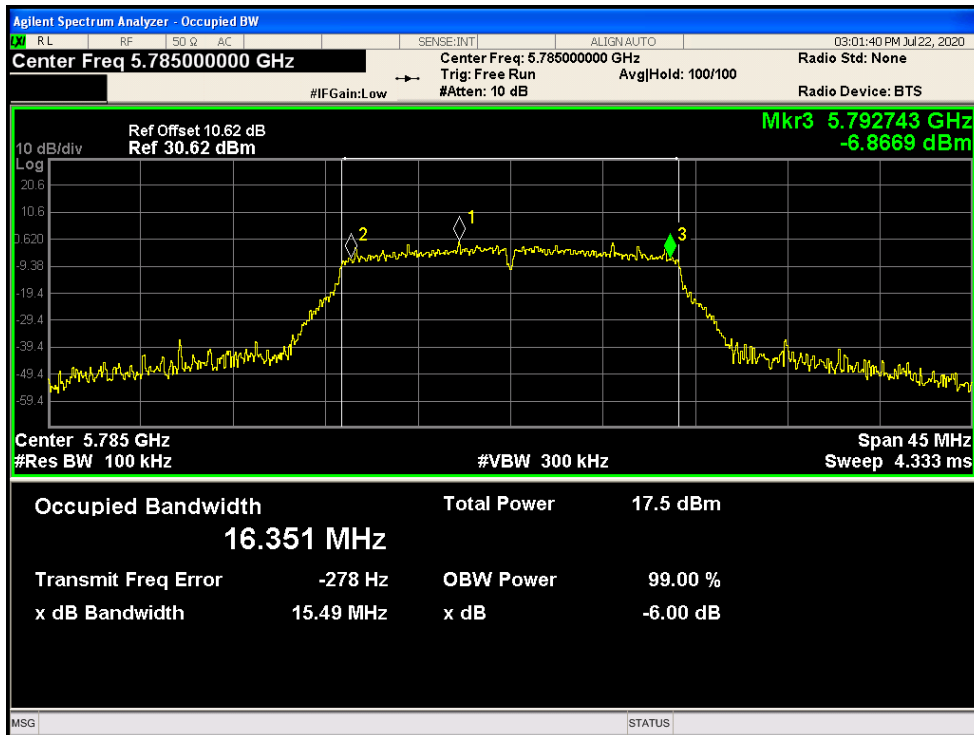
-6DB BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	15.46	0.5	Pass
NVNT	a	5785	Ant1	15.49	0.5	Pass
NVNT	a	5825	Ant1	15.35	0.5	Pass
NVNT	ac20	5745	Ant1	15.36	0.5	Pass
NVNT	ac20	5785	Ant1	14.45	0.5	Pass
NVNT	ac20	5825	Ant1	15.41	0.5	Pass
NVNT	ac40	5755	Ant1	35.18	0.5	Pass
NVNT	ac40	5795	Ant1	35.15	0.5	Pass
NVNT	ac80	5775	Ant1	75.17	0.5	Pass
NVNT	n20	5745	Ant1	14.15	0.5	Pass
NVNT	n20	5785	Ant1	14.67	0.5	Pass
NVNT	n20	5825	Ant1	14.21	0.5	Pass
NVNT	n40	5755	Ant1	33.94	0.5	Pass
NVNT	n40	5795	Ant1	33.90	0.5	Pass

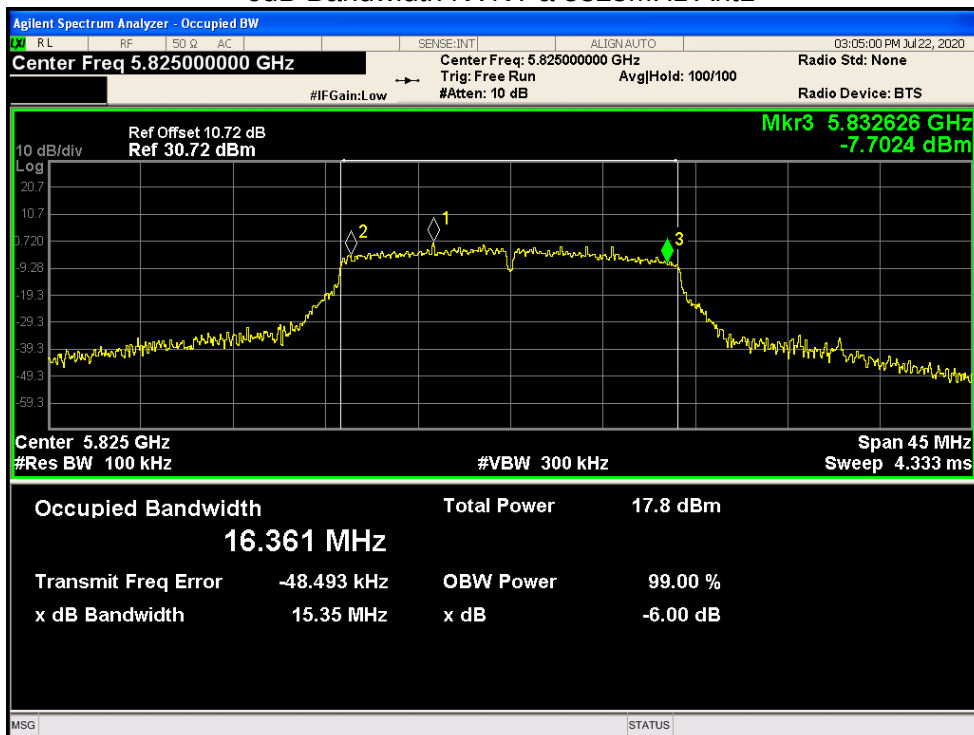
-6dB Bandwidth NVNT a 5745MHz Ant1



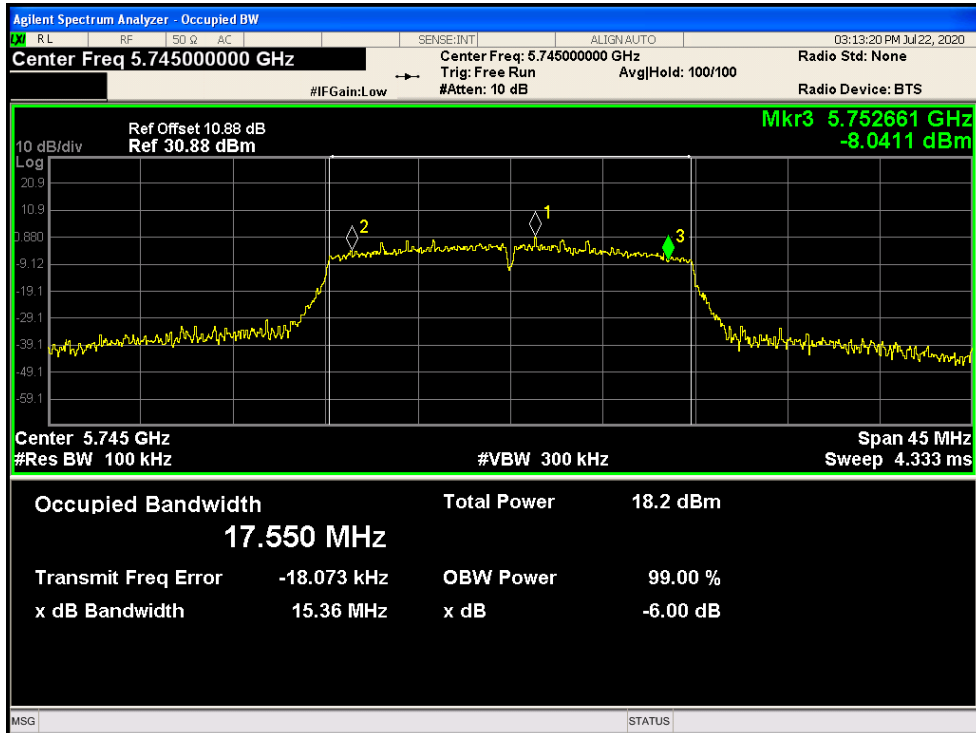
-6dB Bandwidth NVNT a 5785MHz Ant1



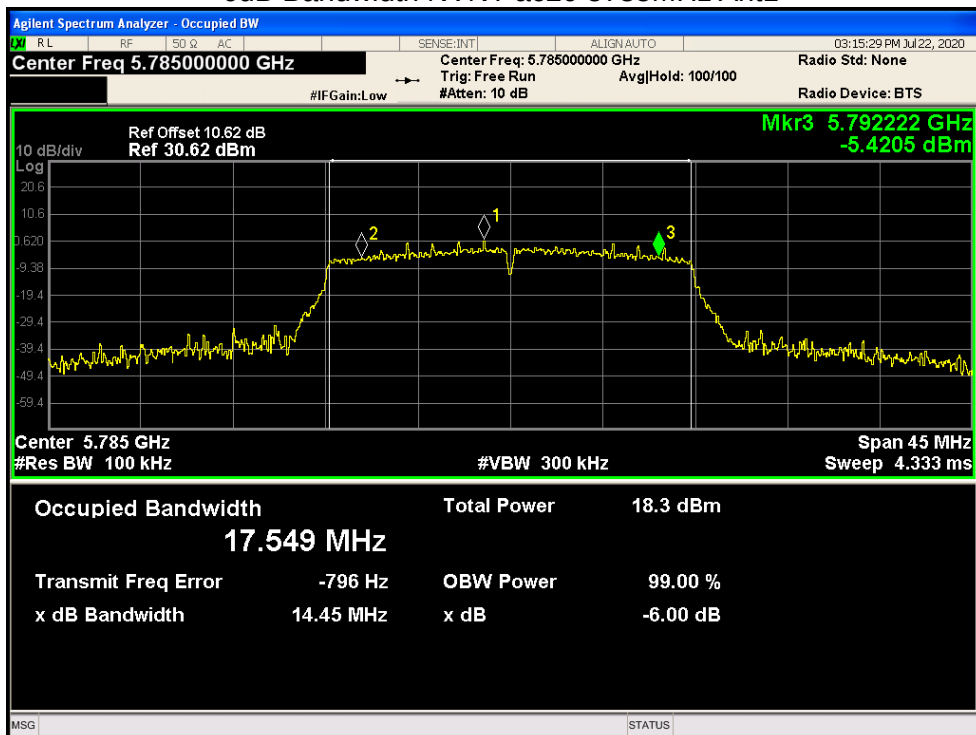
-6dB Bandwidth NVNT a 5825MHz Ant1



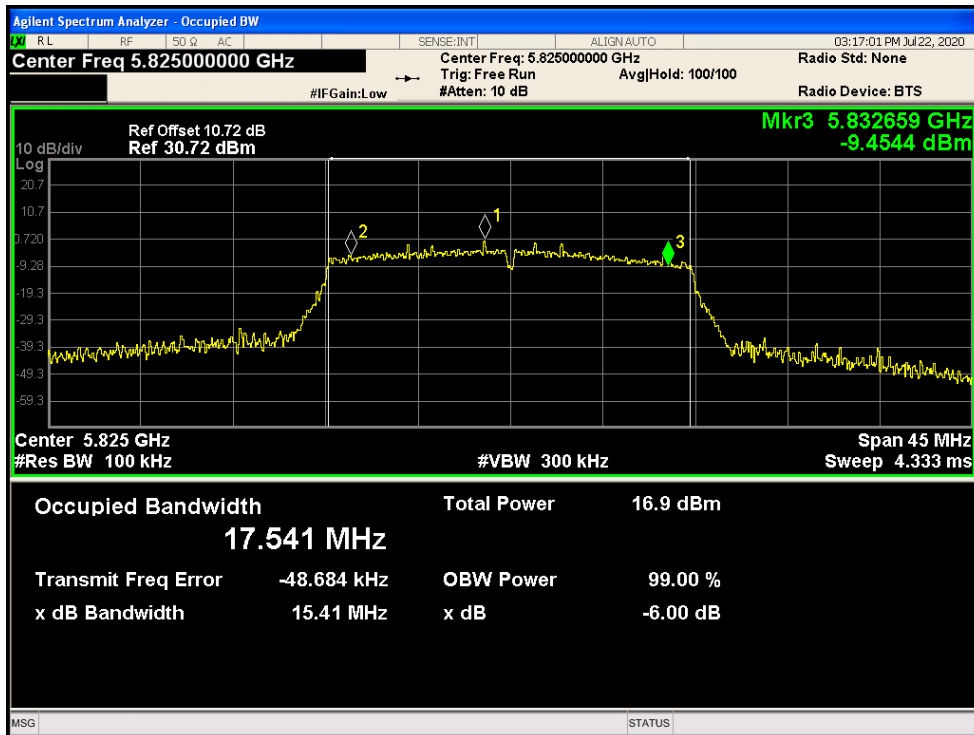
-6dB Bandwidth NVNT ac20 5745MHz Ant1



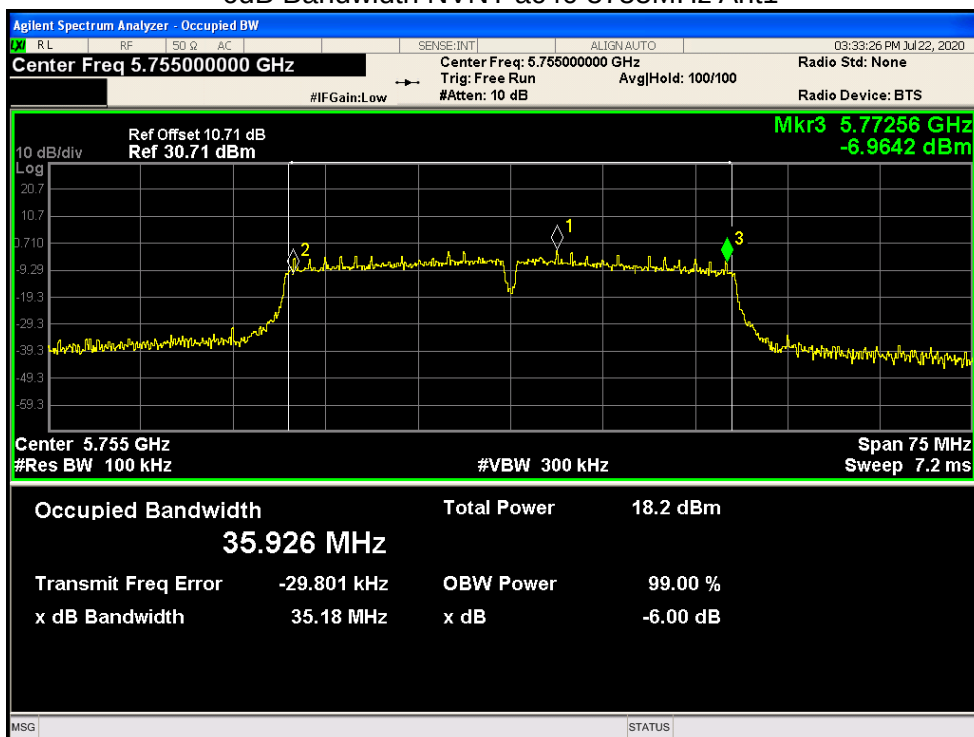
-6dB Bandwidth NVNT ac20 5785MHz Ant1



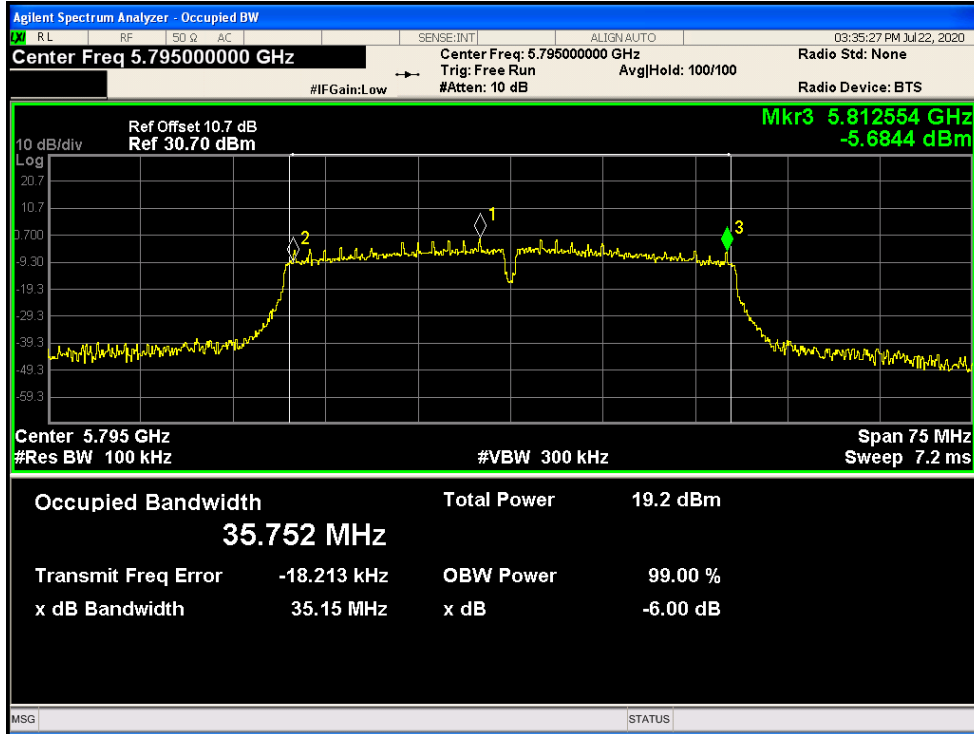
-6dB Bandwidth NVNT ac20 5825MHz Ant1



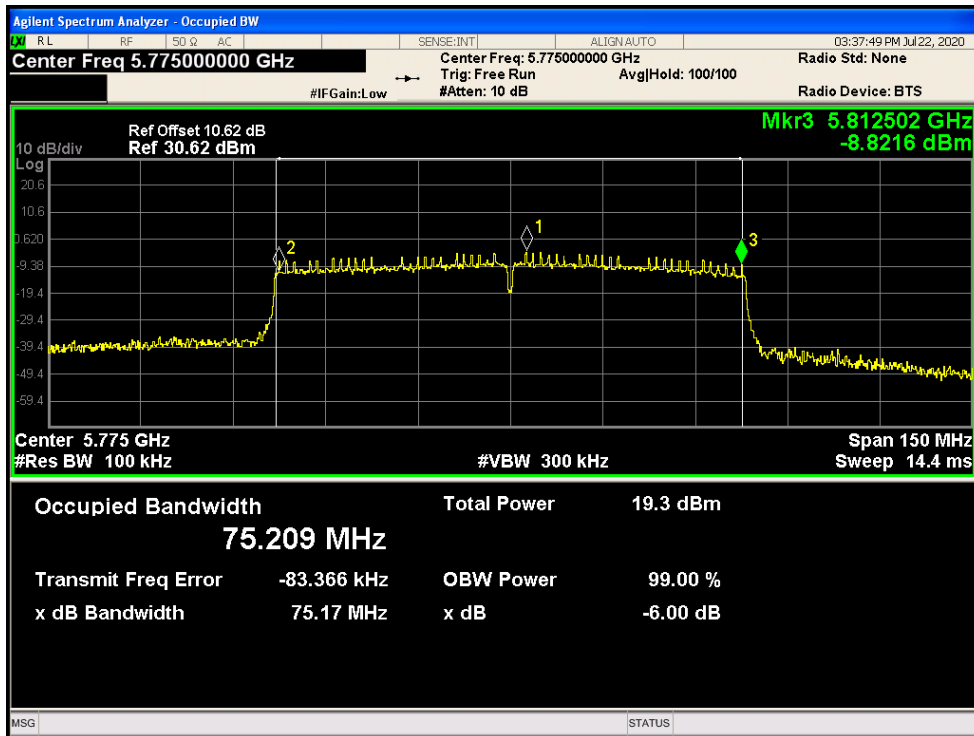
-6dB Bandwidth NVNT ac40 5755MHz Ant1



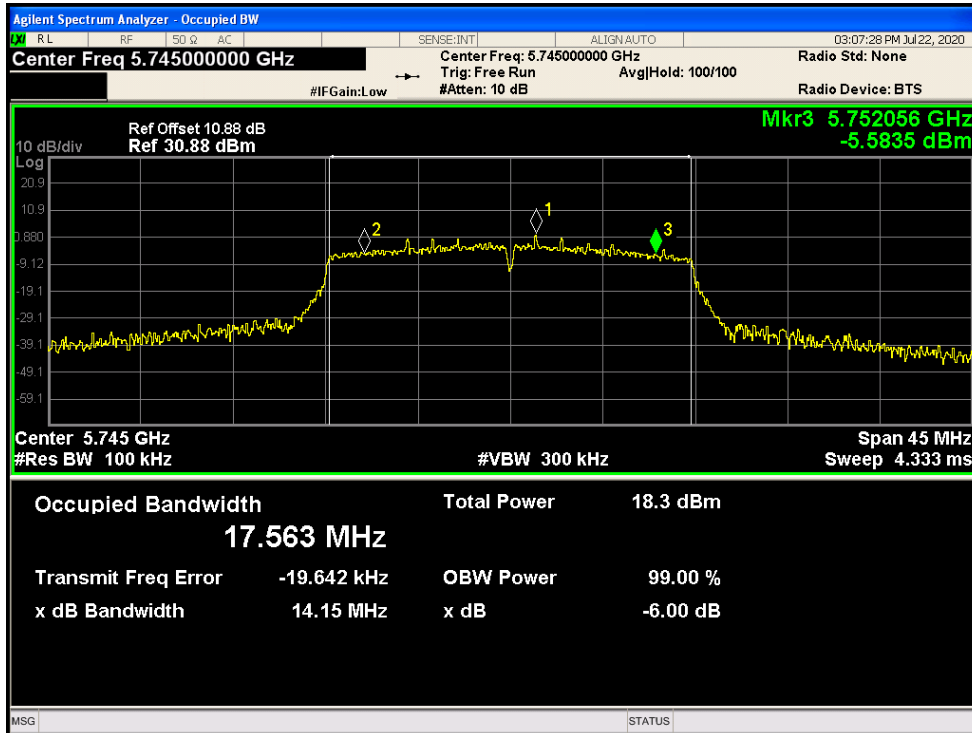
-6dB Bandwidth NVNT ac40 5795MHz Ant1



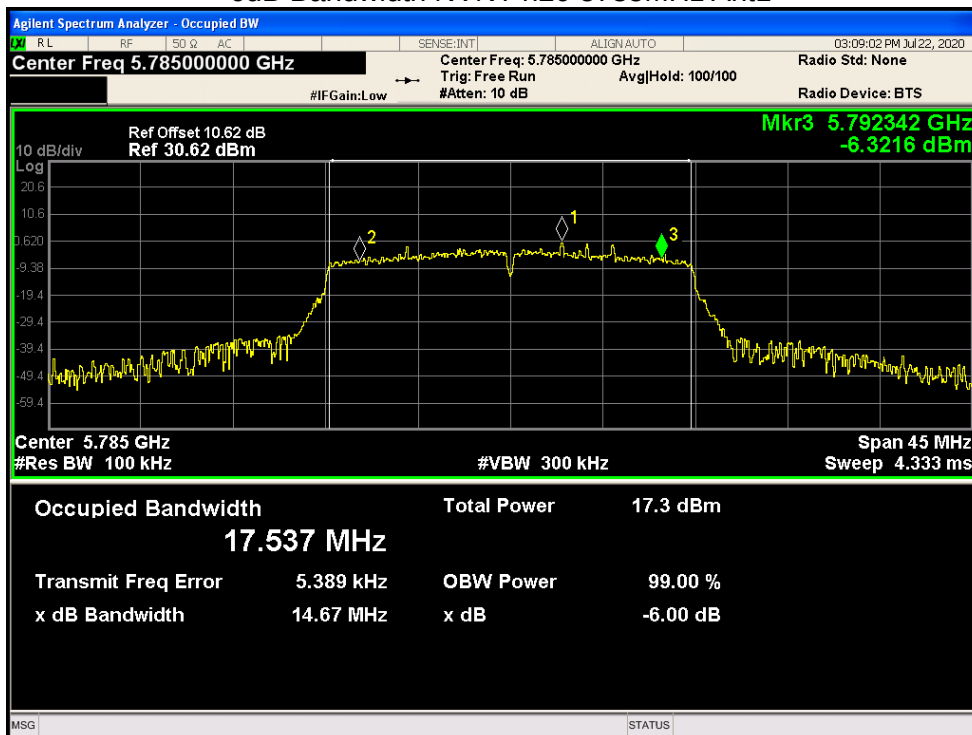
-6dB Bandwidth NVNT ac80 5775MHz Ant1



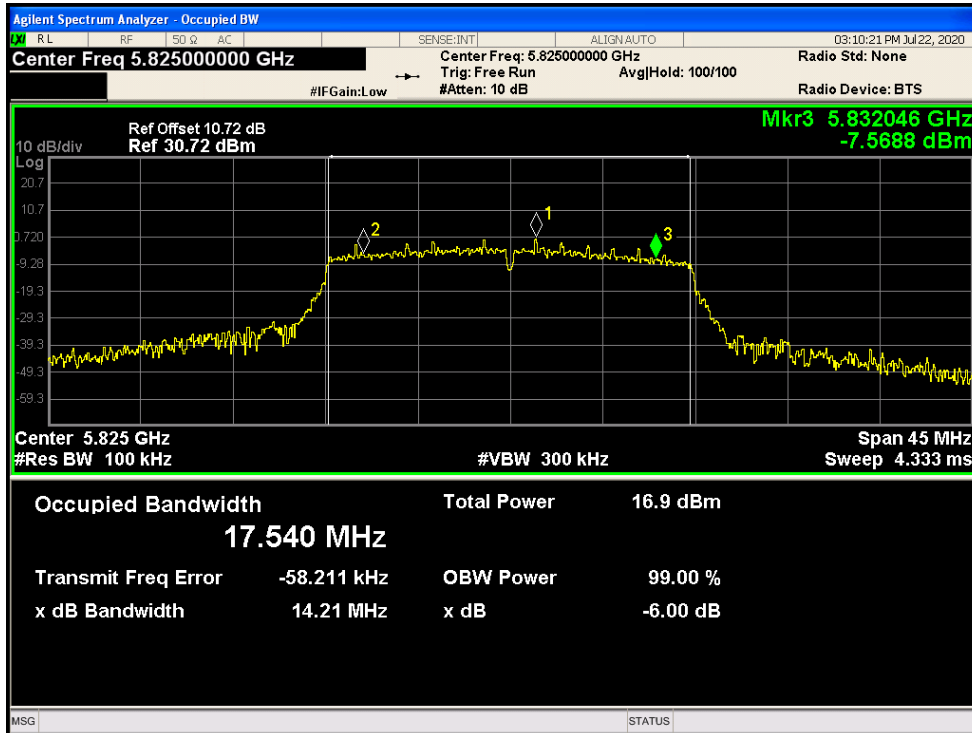
-6dB Bandwidth NVNT n20 5745MHz Ant1



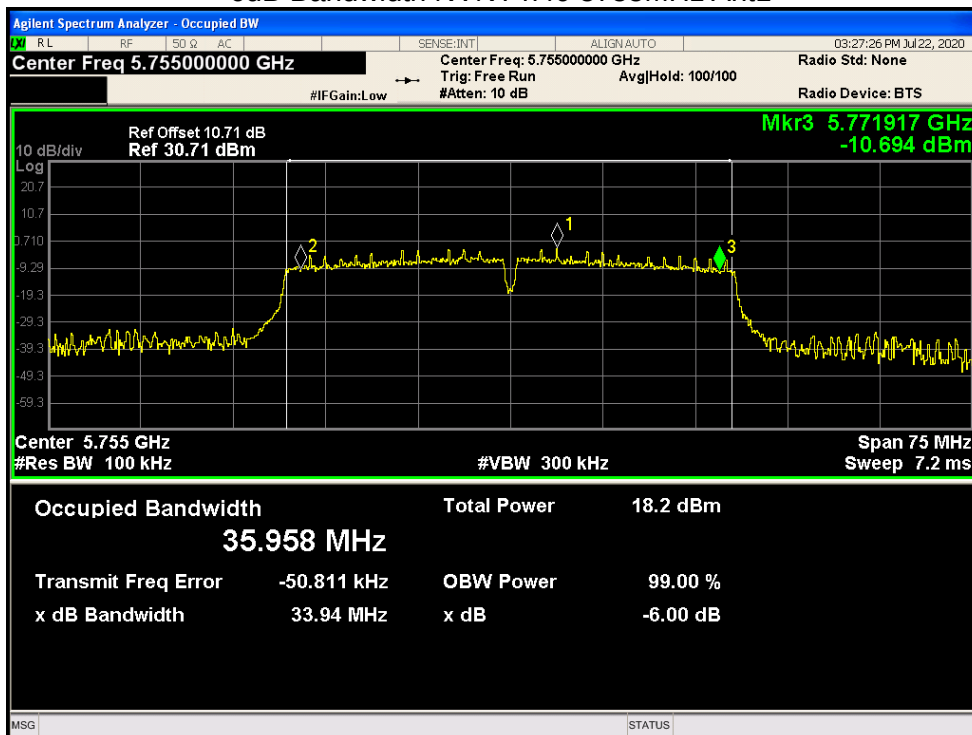
-6dB Bandwidth NVNT n20 5785MHz Ant1



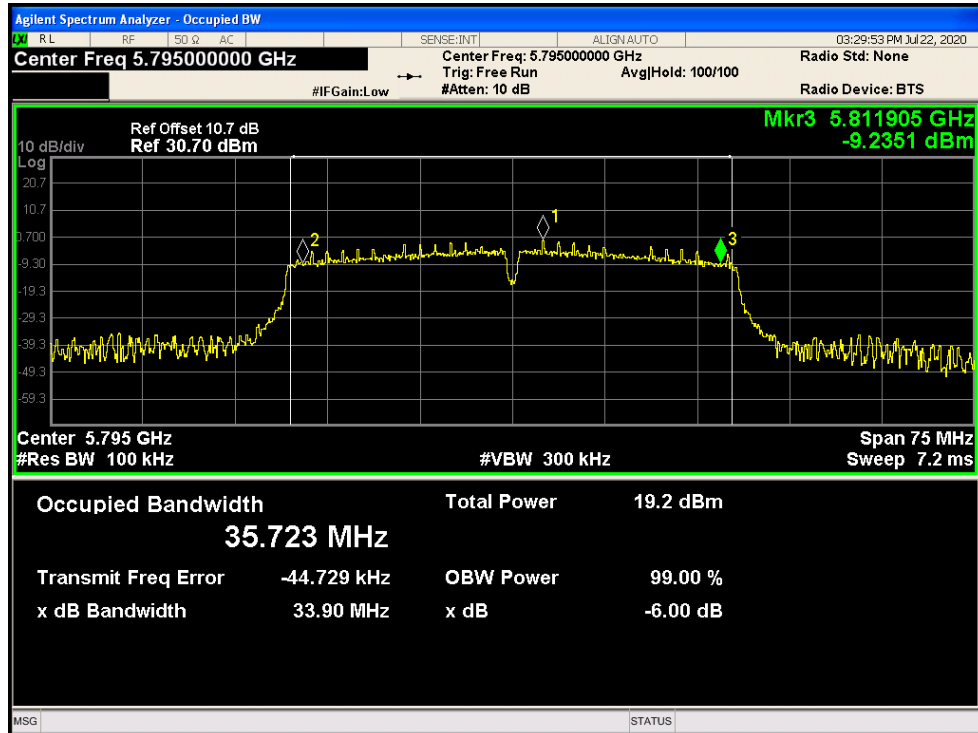
-6dB Bandwidth NVNT n20 5825MHz Ant1



-6dB Bandwidth NVNT n40 5755MHz Ant1



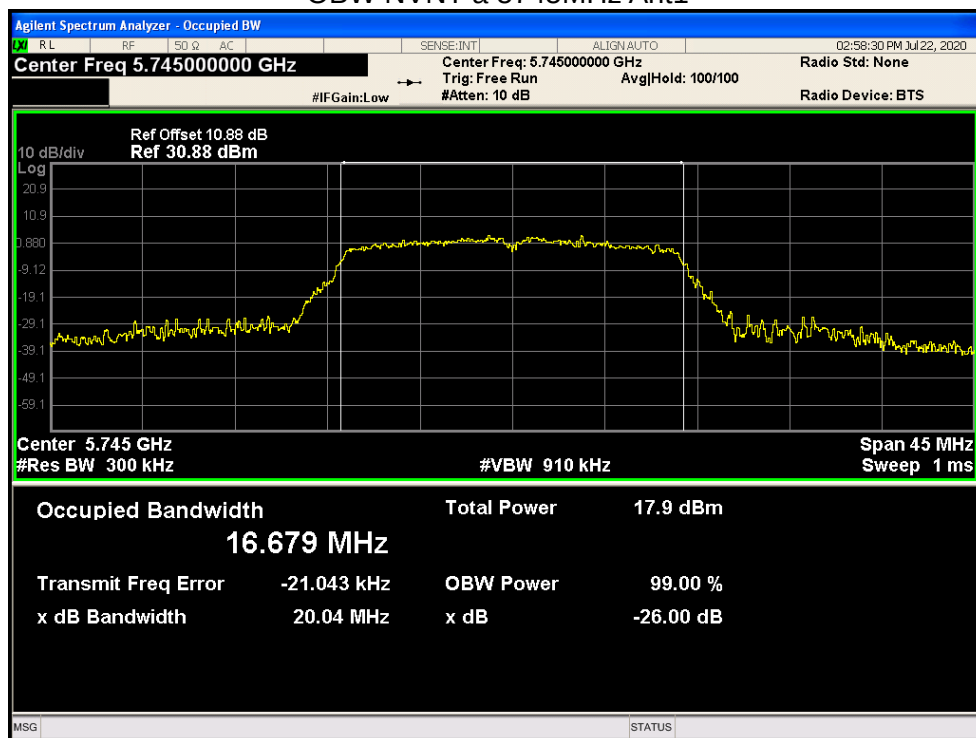
-6dB Bandwidth NVNT n40 5795MHz Ant1



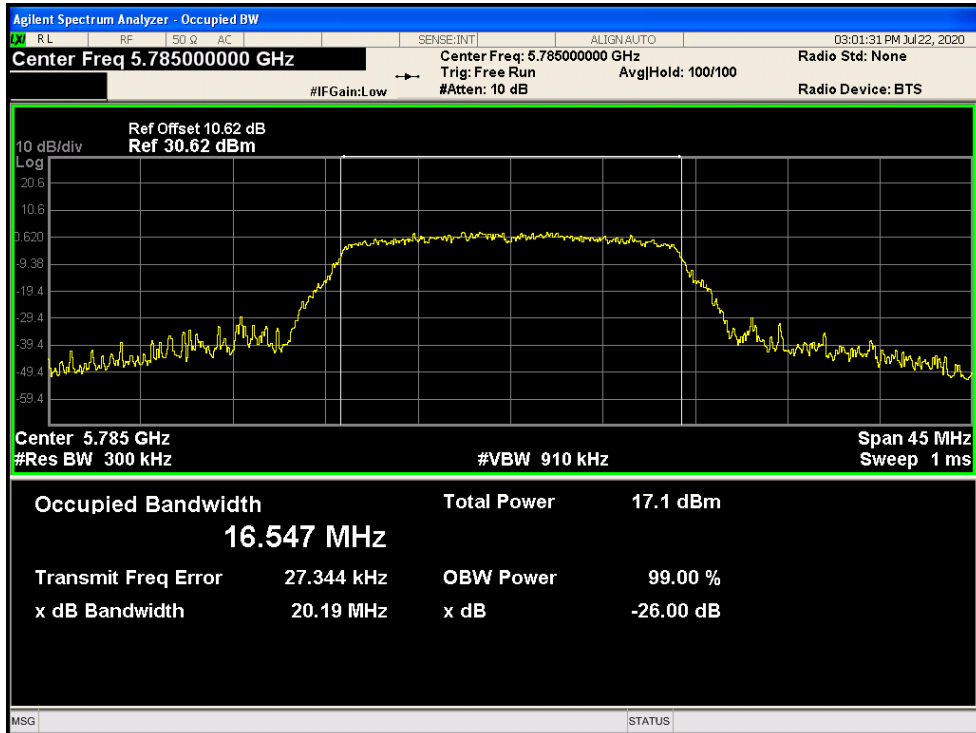
OCCUPIED CHANNEL BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.679
NVNT	a	5785	Ant1	16.547
NVNT	a	5825	Ant1	16.635
NVNT	ac20	5745	Ant1	17.694
NVNT	ac20	5785	Ant1	17.631
NVNT	ac20	5825	Ant1	17.683
NVNT	ac40	5755	Ant1	36.196
NVNT	ac40	5795	Ant1	35.957
NVNT	ac80	5775	Ant1	75.367
NVNT	n20	5745	Ant1	17.729
NVNT	n20	5785	Ant1	17.604
NVNT	n20	5825	Ant1	17.655
NVNT	n40	5755	Ant1	36.206
NVNT	n40	5795	Ant1	35.930

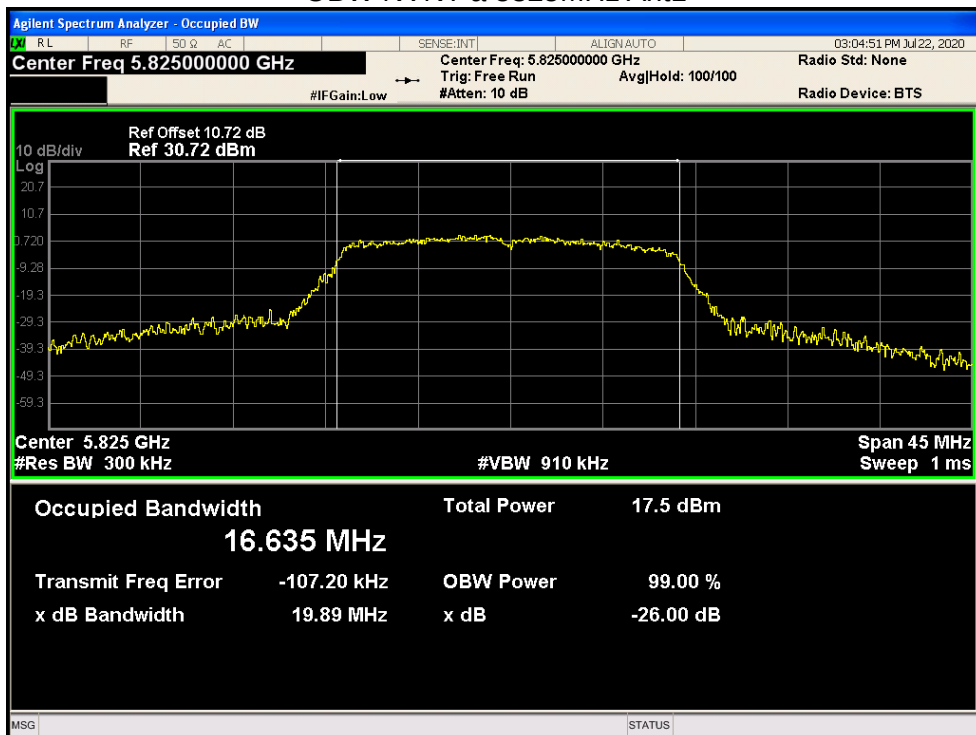
OBW NVNT a 5745MHz Ant1



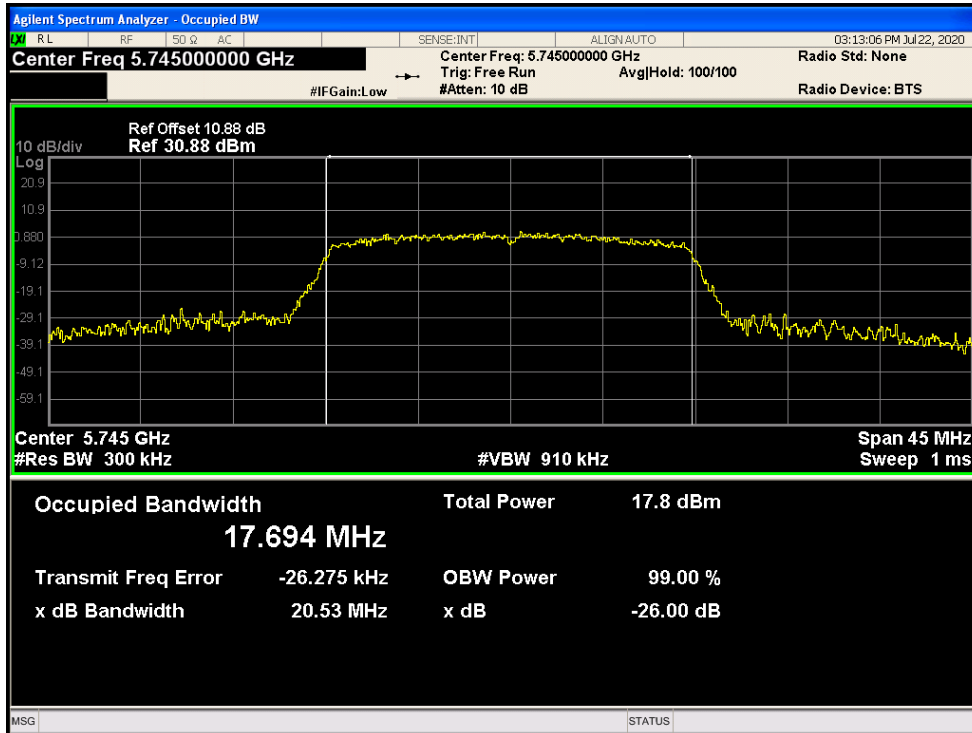
OBW NVNT a 5785MHz Ant1



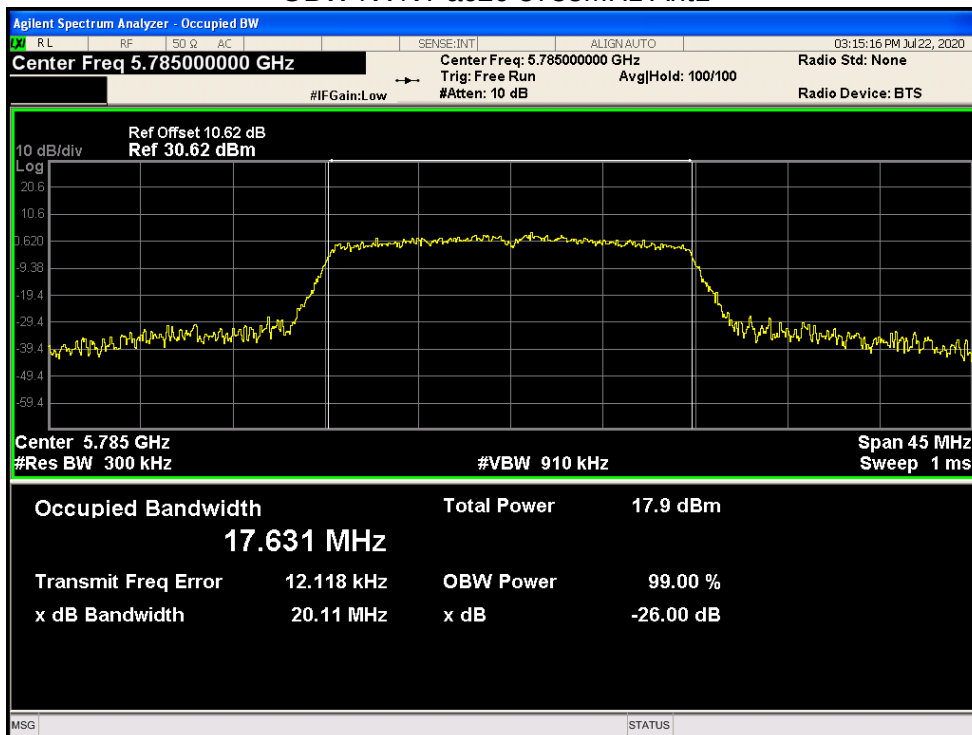
OBW NVNT a 5825MHz Ant1



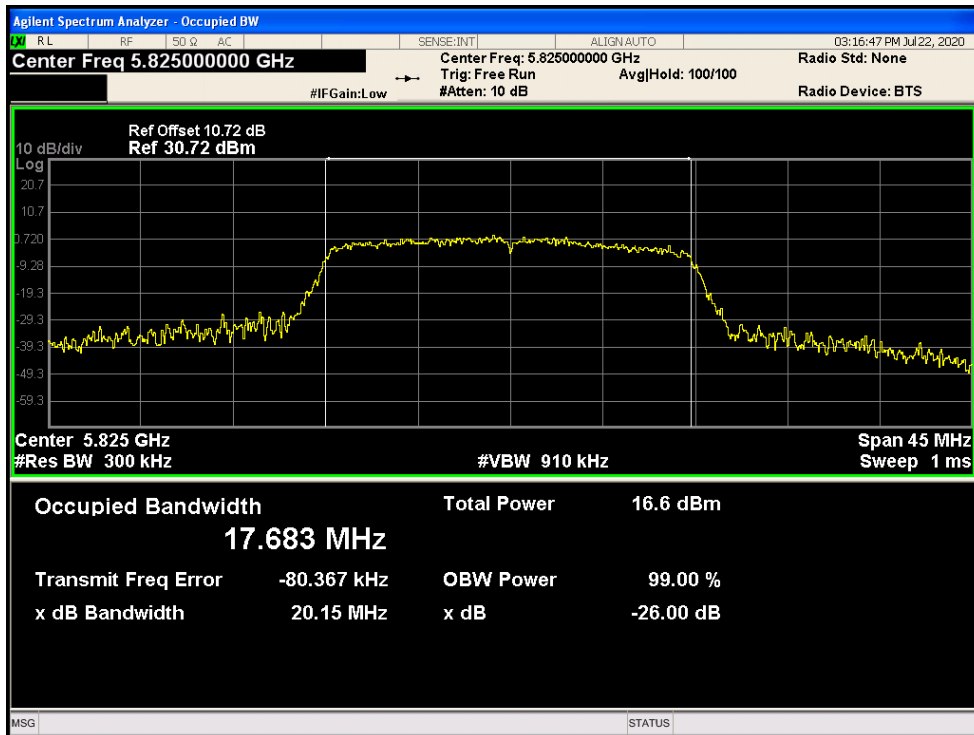
OBW NVNT ac20 5745MHz Ant1



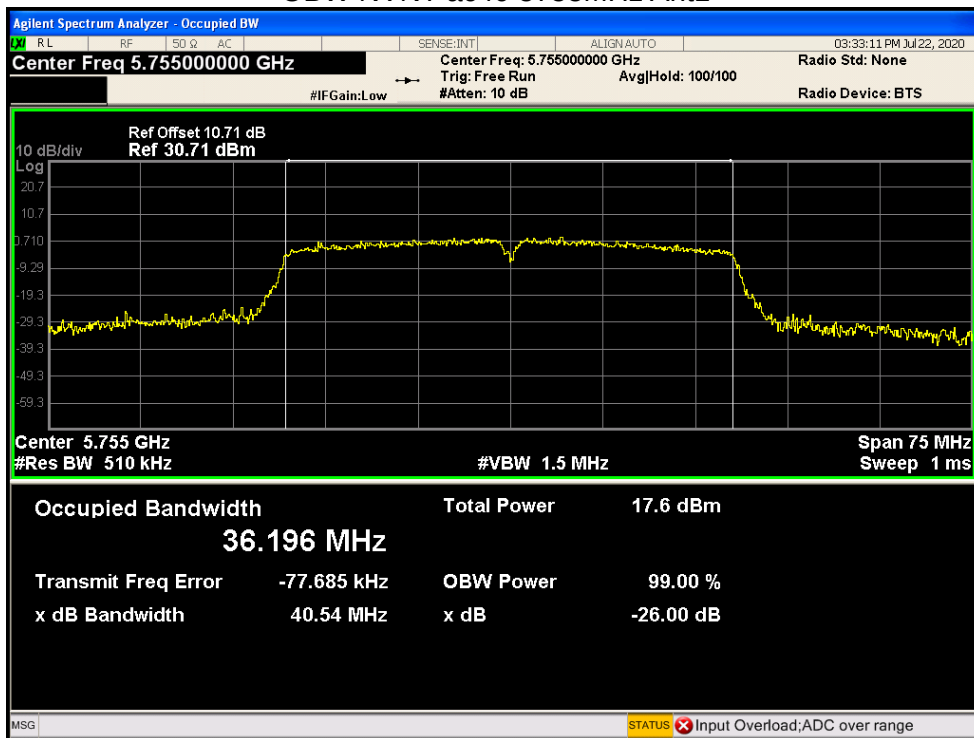
OBW NVNT ac20 5785MHz Ant1



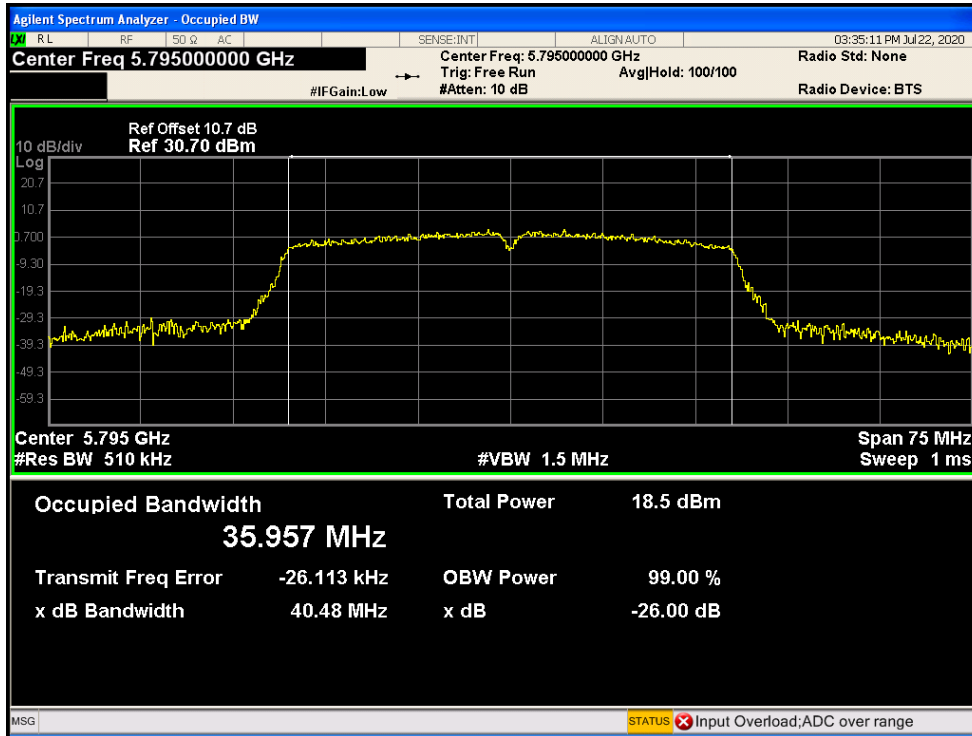
OBW NVNT ac20 5825MHz Ant1



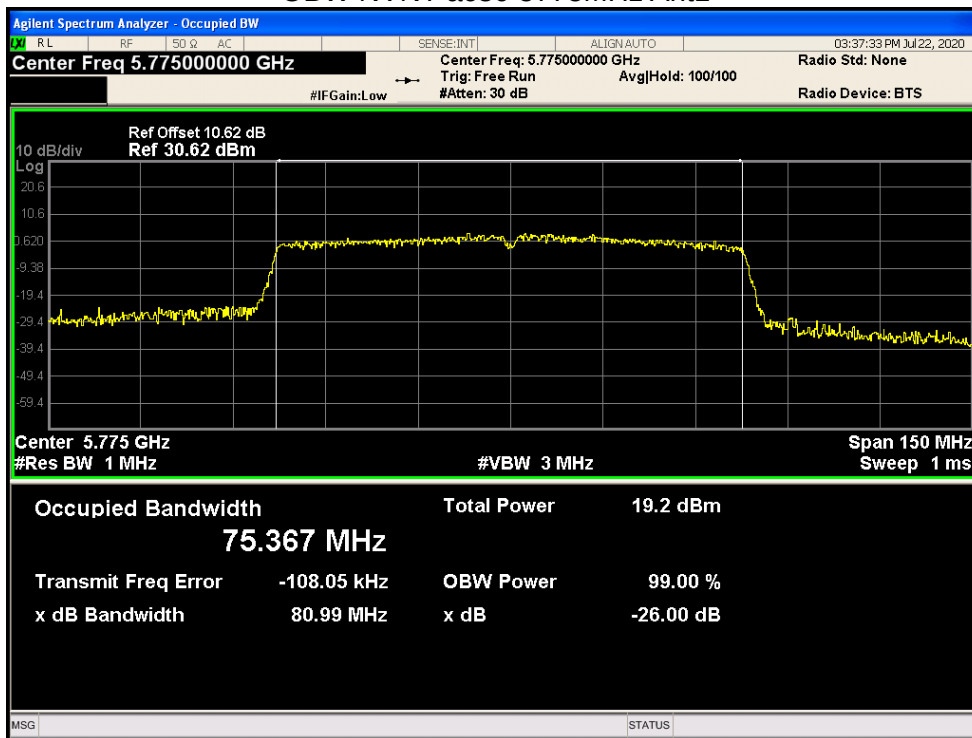
OBW NVNT ac40 5755MHz Ant1



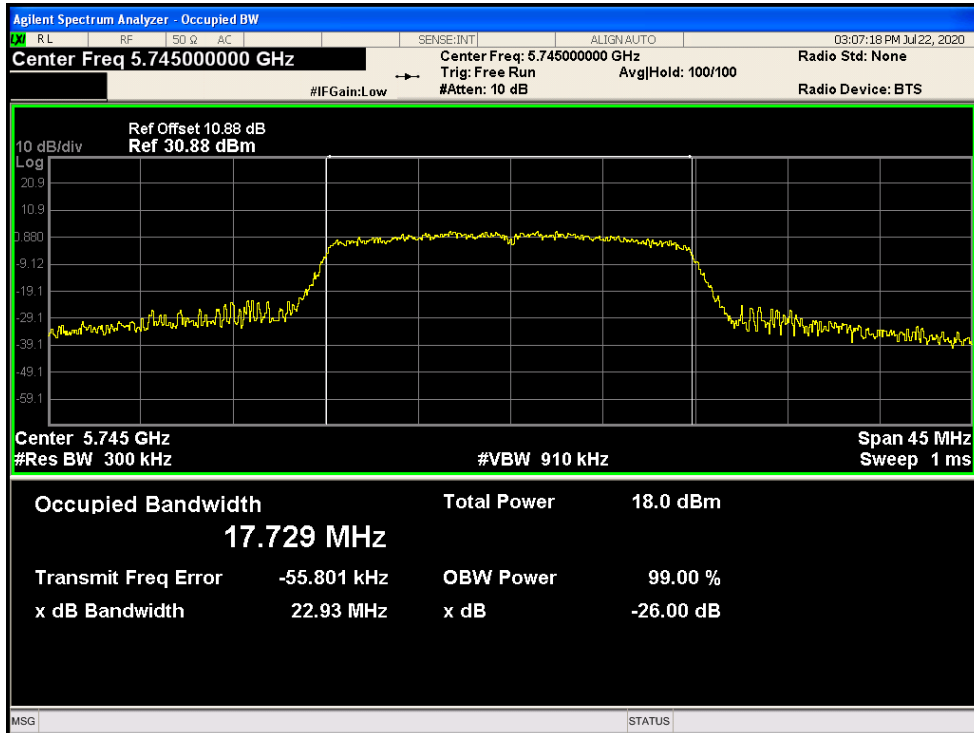
OBW NVNT ac40 5795MHz Ant1



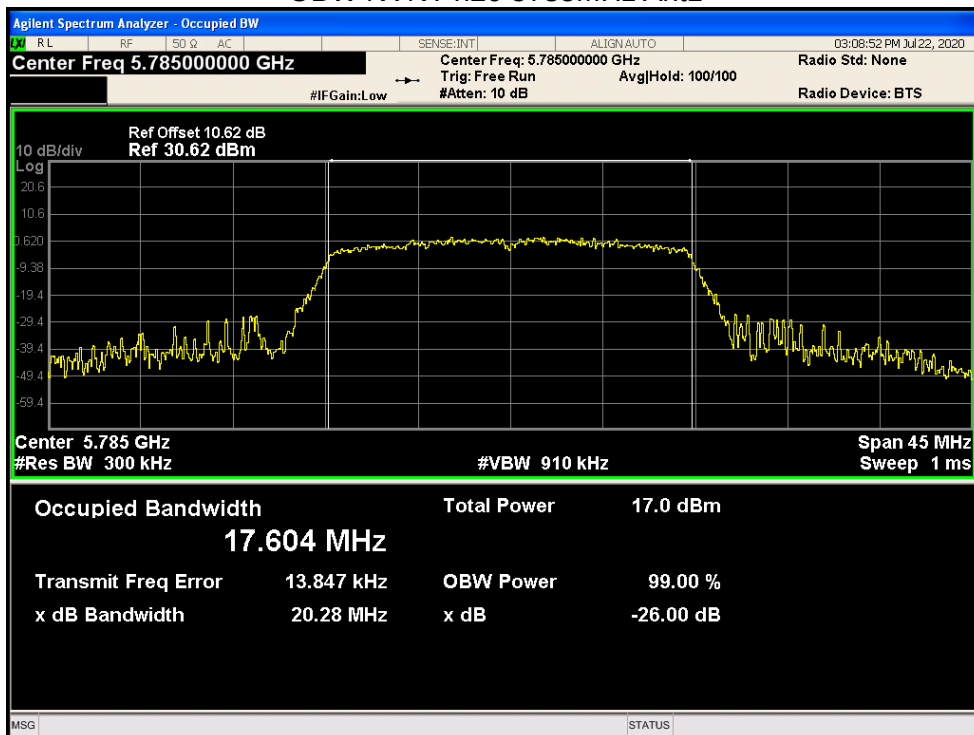
OBW NVNT ac80 5775MHz Ant1



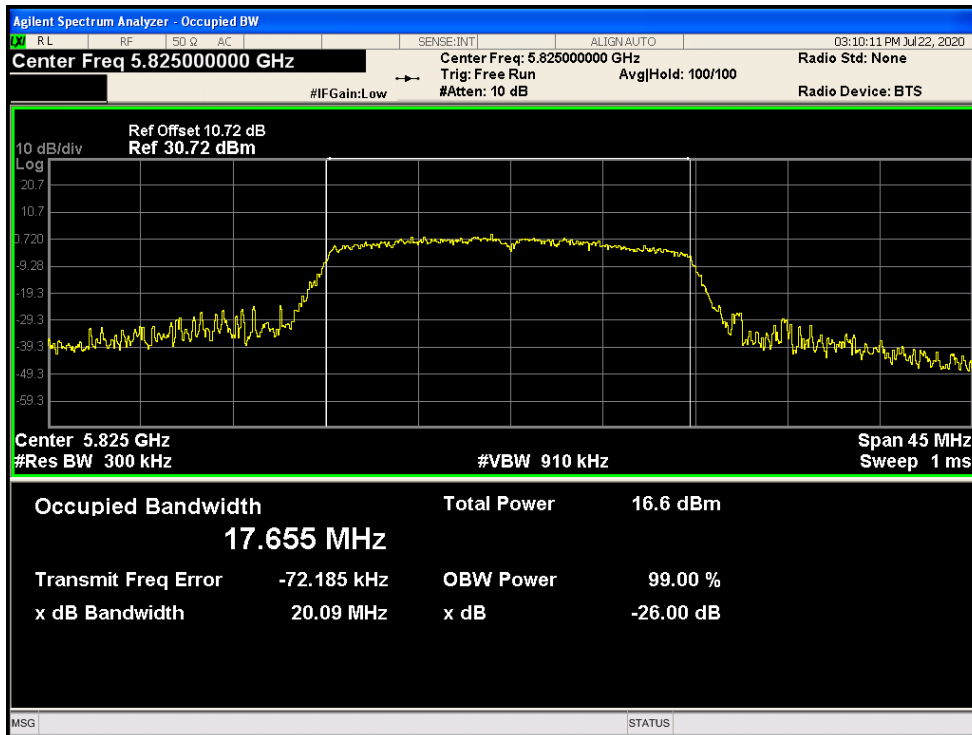
OBW NVNT n20 5745MHz Ant1



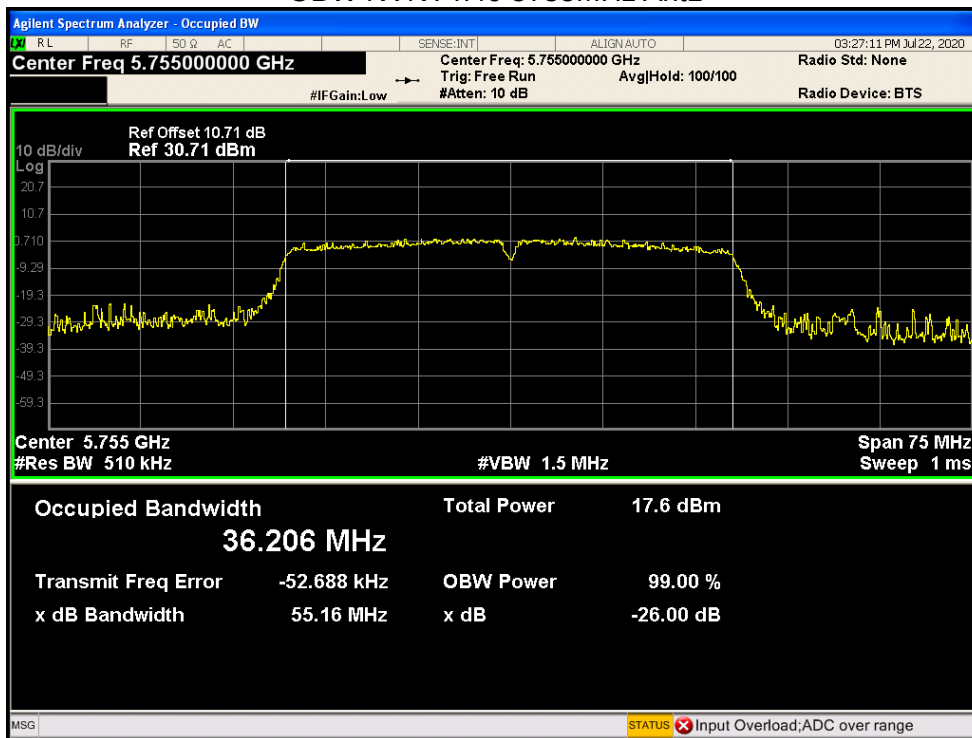
OBW NVNT n20 5785MHz Ant1



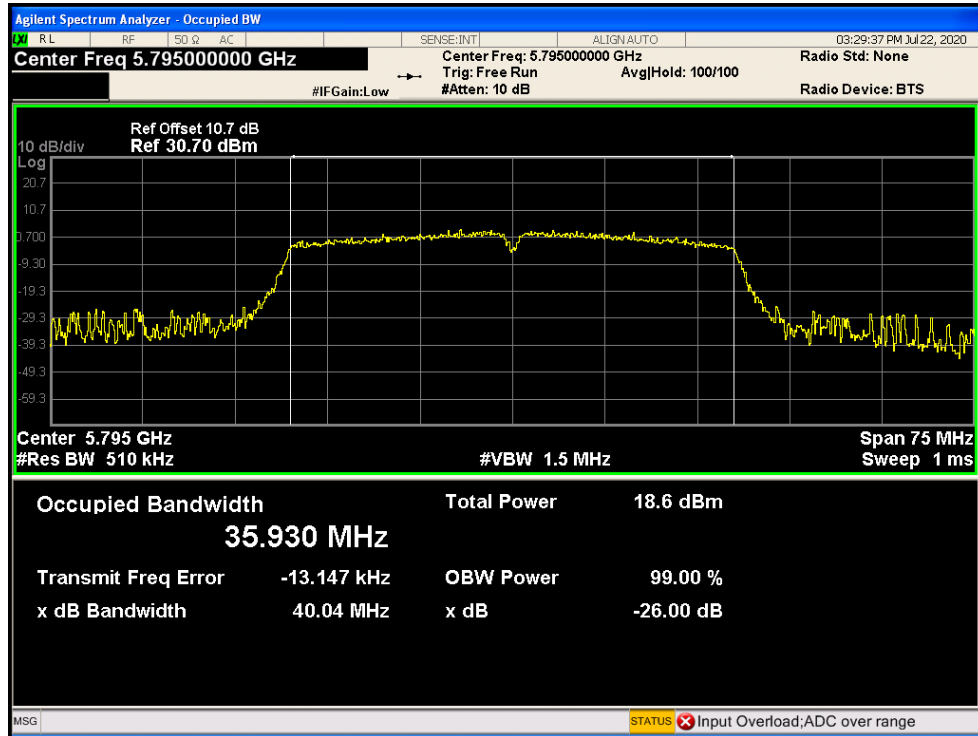
OBW NVNT n20 5825MHz Ant1



OBW NVNT n40 5755MHz Ant1



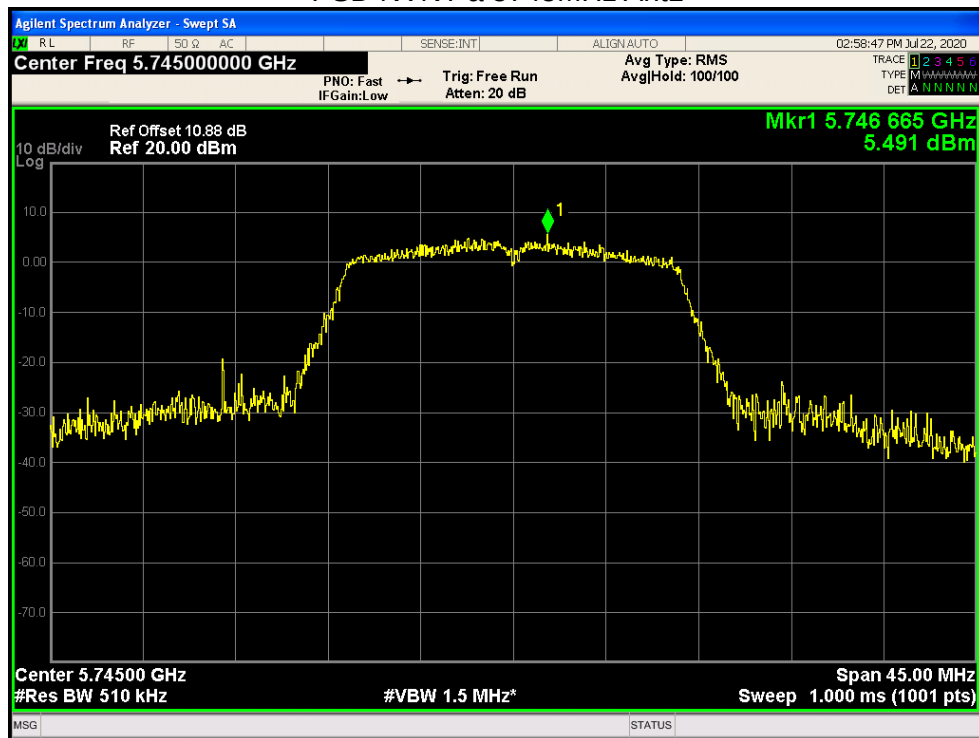
OBW NVNT n40 5795MHz Ant1



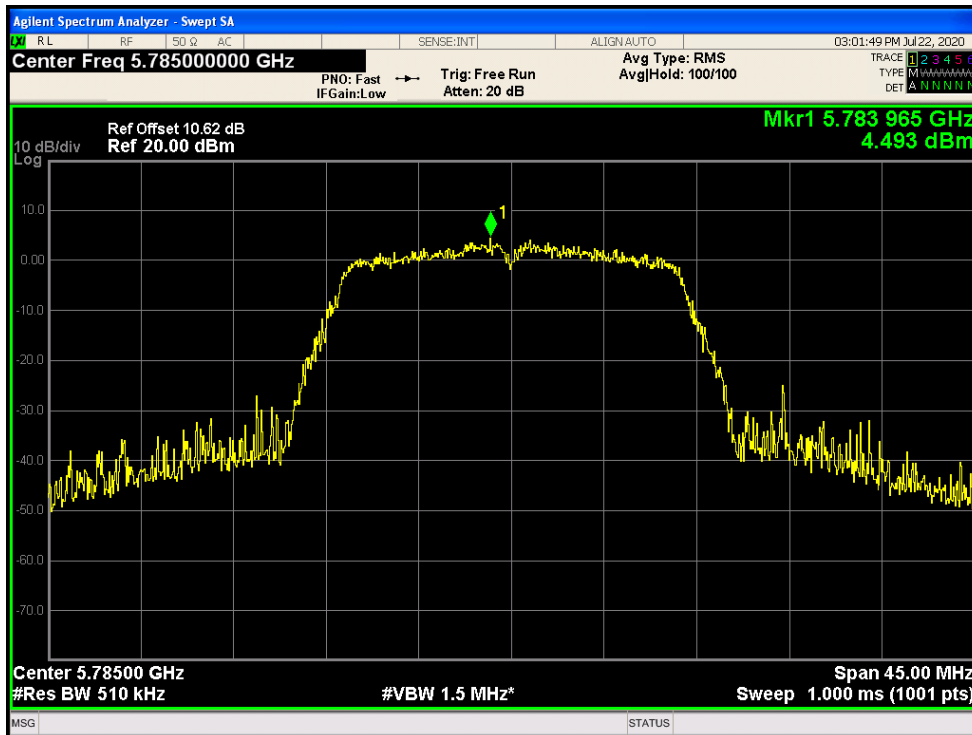
MAXIMUM POWER SPECTRAL DENSITY LEVEL

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	5.491	30	Pass
NVNT	a	5785	Ant1	4.493	30	Pass
NVNT	a	5825	Ant1	4.331	30	Pass
NVNT	ac20	5745	Ant1	4.57	30	Pass
NVNT	ac20	5785	Ant1	4.874	30	Pass
NVNT	ac20	5825	Ant1	3.162	30	Pass
NVNT	ac40	5755	Ant1	1.268	30	Pass
NVNT	ac40	5795	Ant1	2.106	30	Pass
NVNT	ac80	5775	Ant1	-1.523	30	Pass
NVNT	n20	5745	Ant1	4.798	30	Pass
NVNT	n20	5785	Ant1	3.138	30	Pass
NVNT	n20	5825	Ant1	2.983	30	Pass
NVNT	n40	5755	Ant1	1.395	30	Pass
NVNT	n40	5795	Ant1	2.525	30	Pass

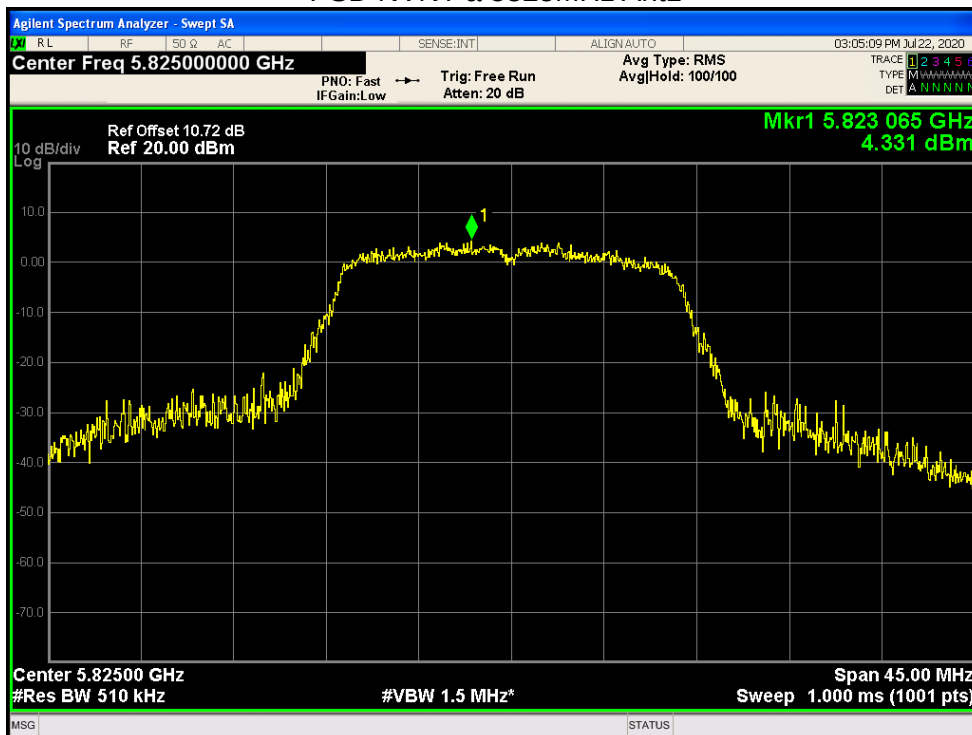
PSD NVNT a 5745MHz Ant1



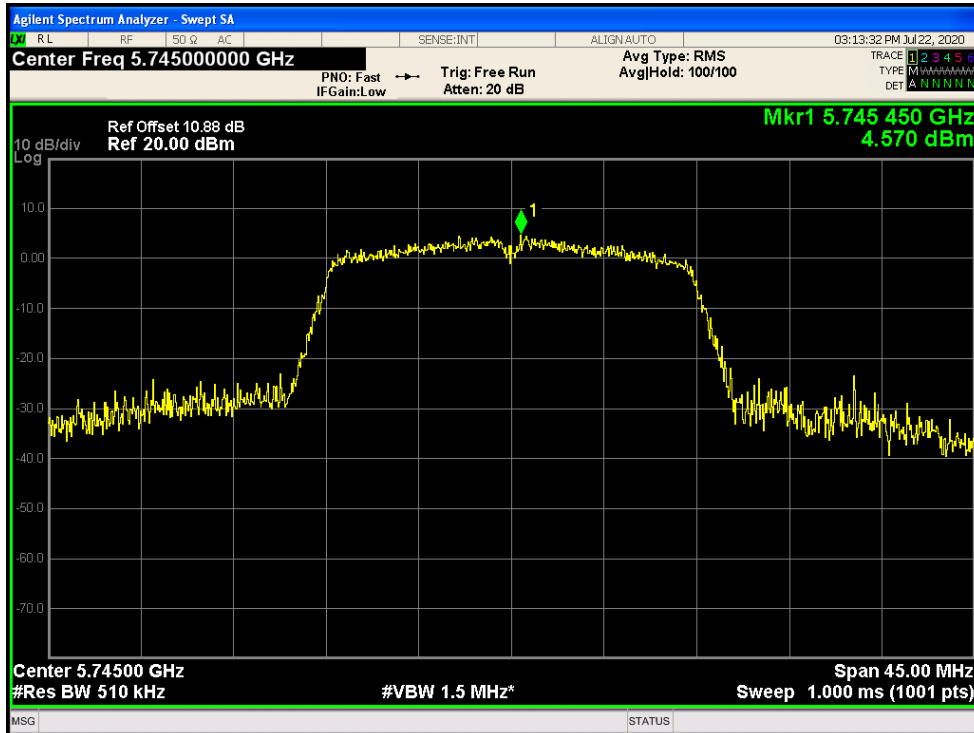
PSD NVNT a 5785MHz Ant1



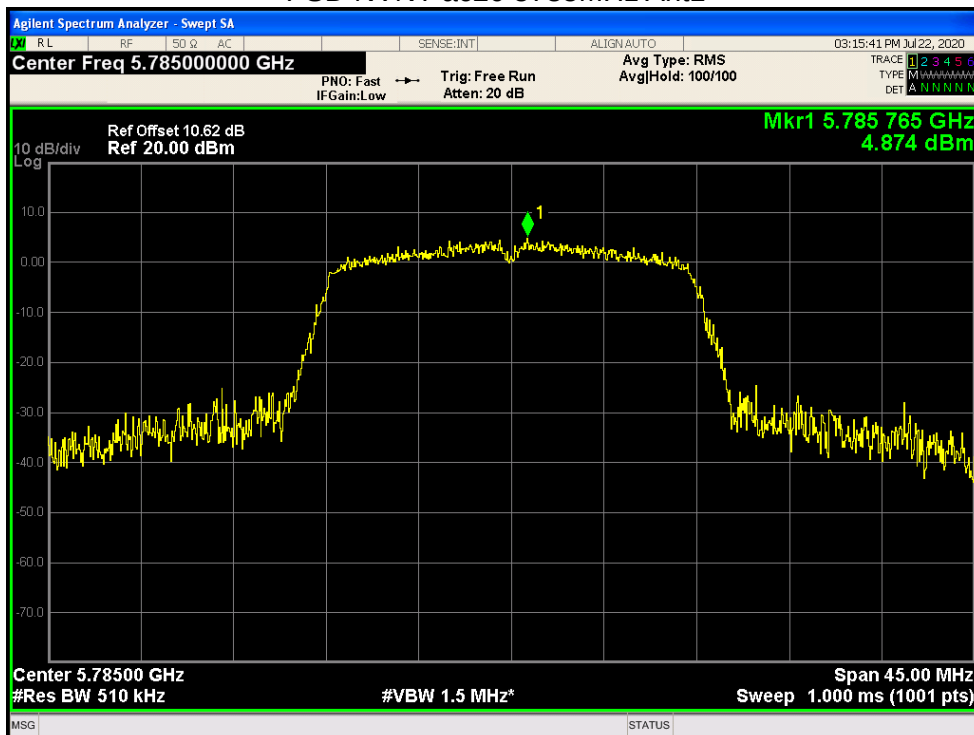
PSD NVNT a 5825MHz Ant1



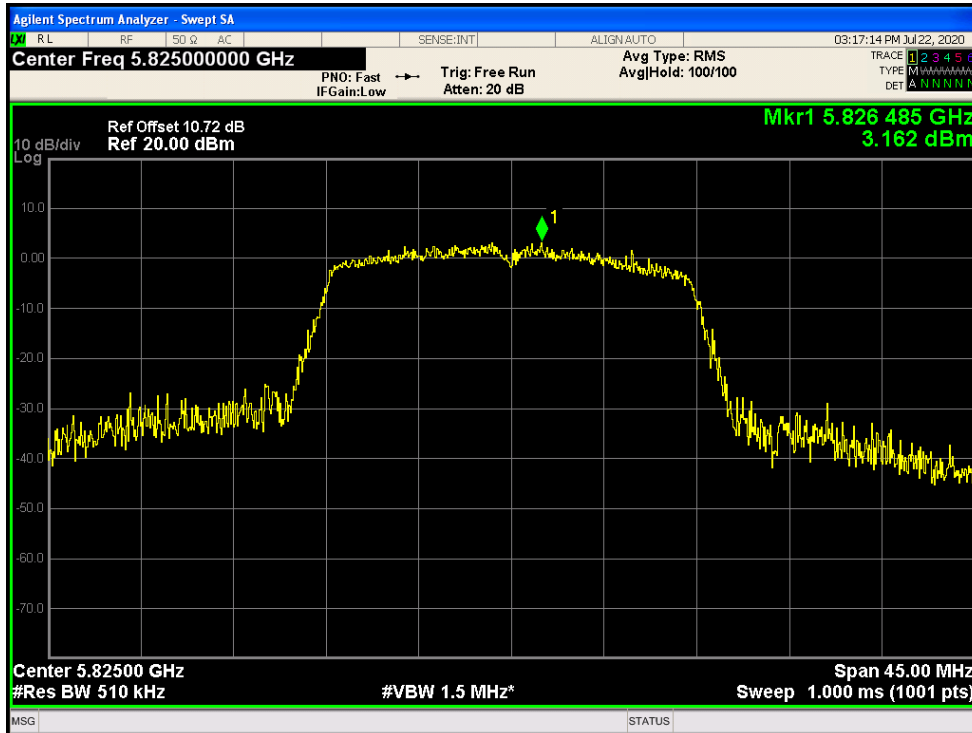
PSD NVNT ac20 5745MHz Ant1



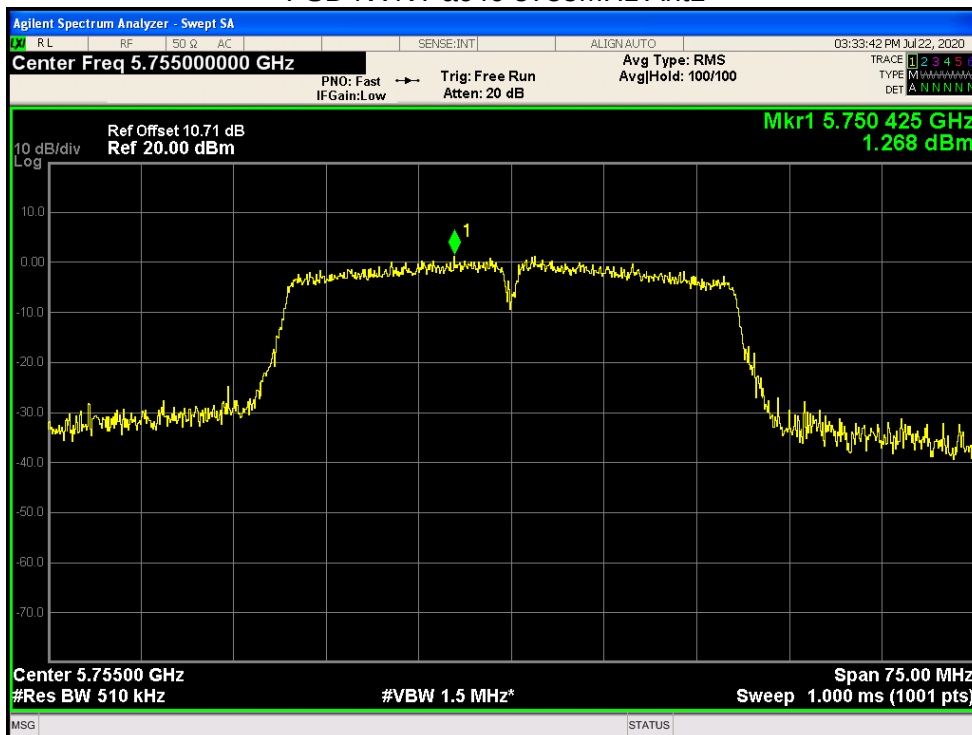
PSD NVNT ac20 5785MHz Ant1



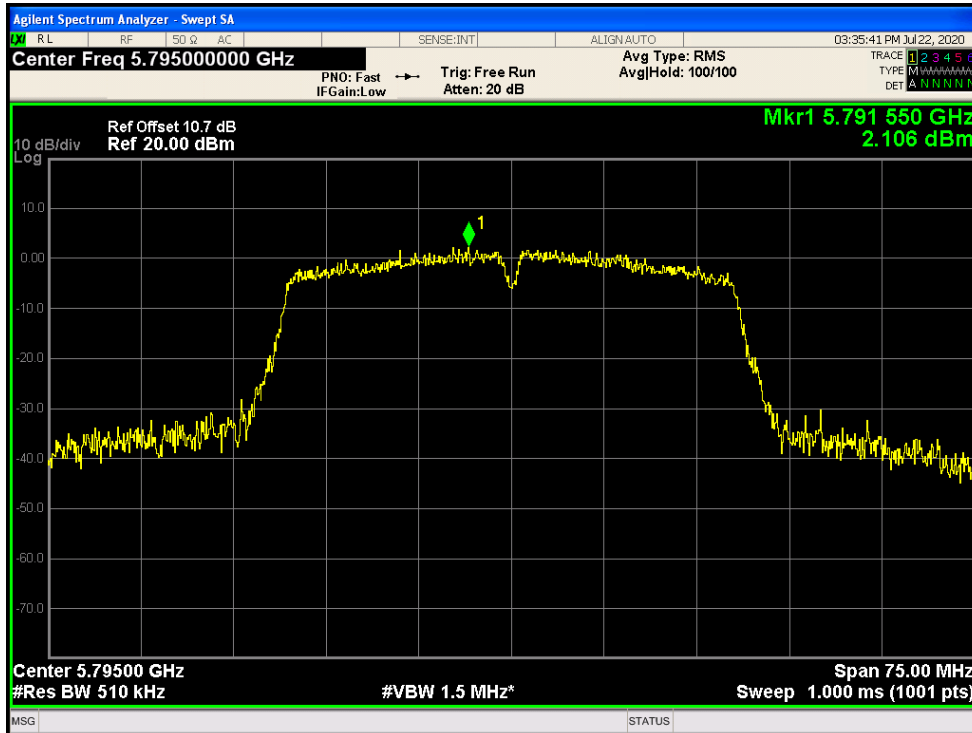
PSD NVNT ac20 5825MHz Ant1



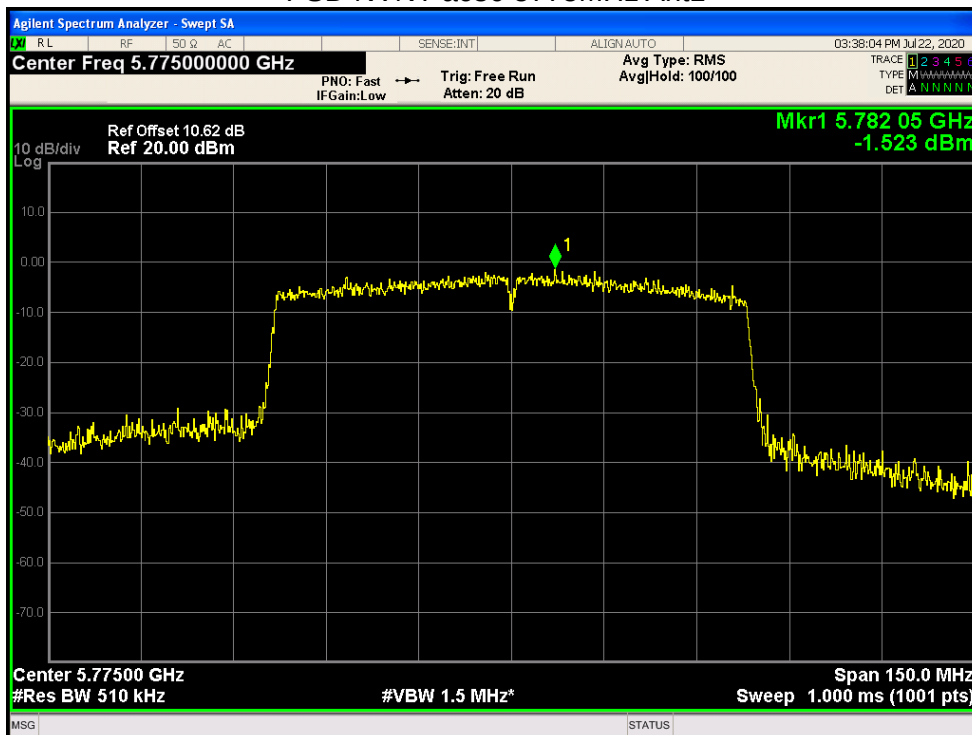
PSD NVNT ac40 5755MHz Ant1



PSD NVNT ac40 5795MHz Ant1



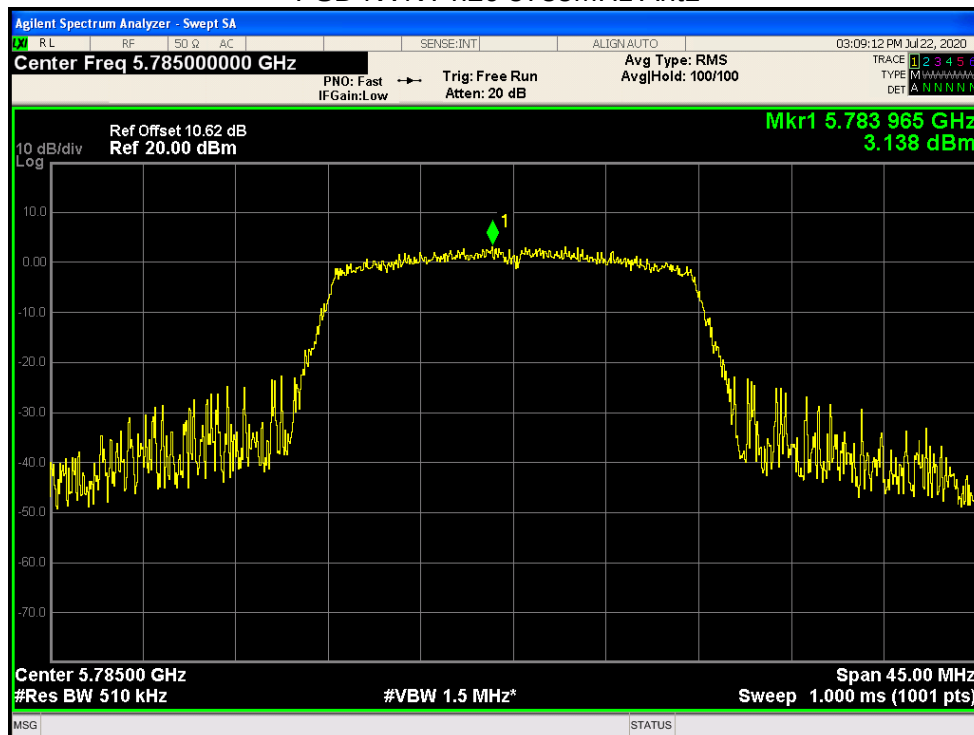
PSD NVNT ac80 5775MHz Ant1



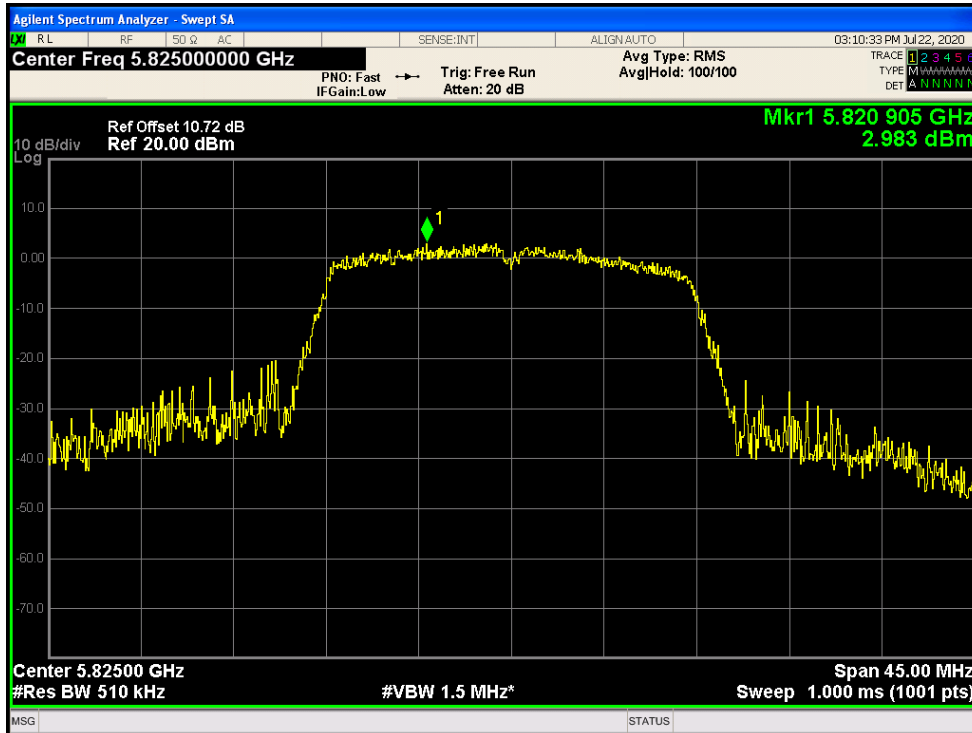
PSD NVNT n20 5745MHz Ant1



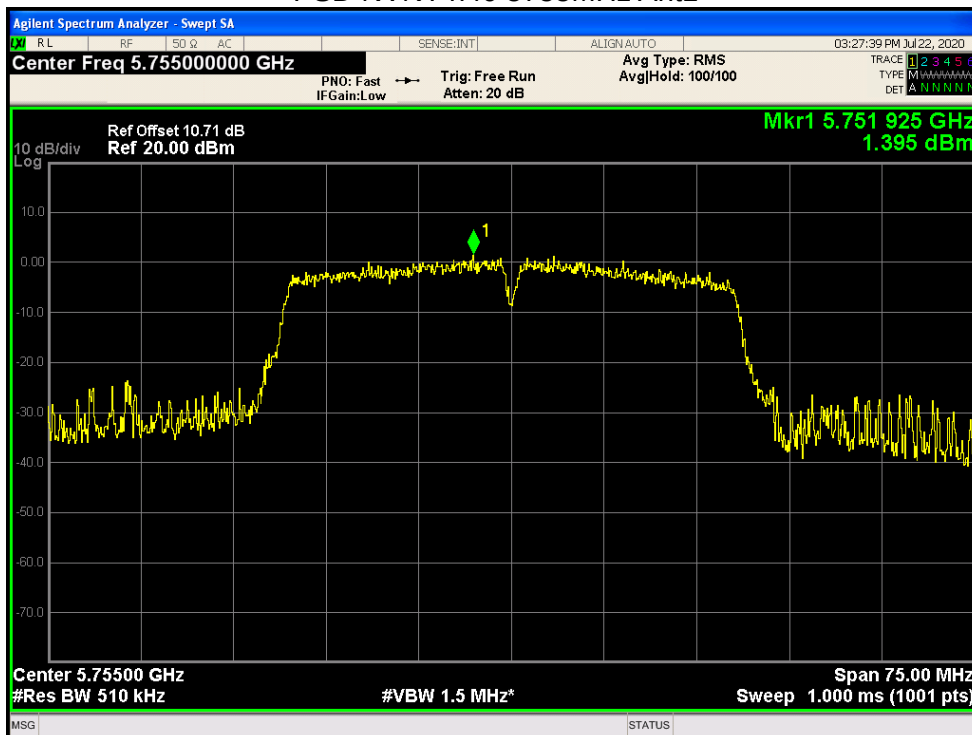
PSD NVNT n20 5785MHz Ant1



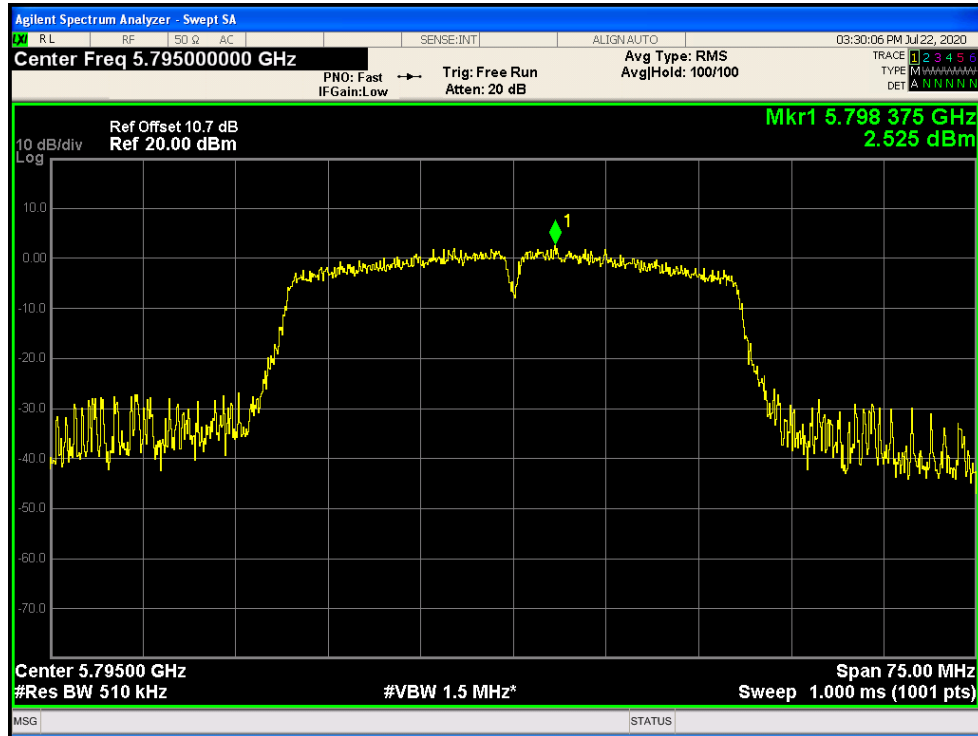
PSD NVNT n20 5825MHz Ant1



PSD NVNT n40 5755MHz Ant1



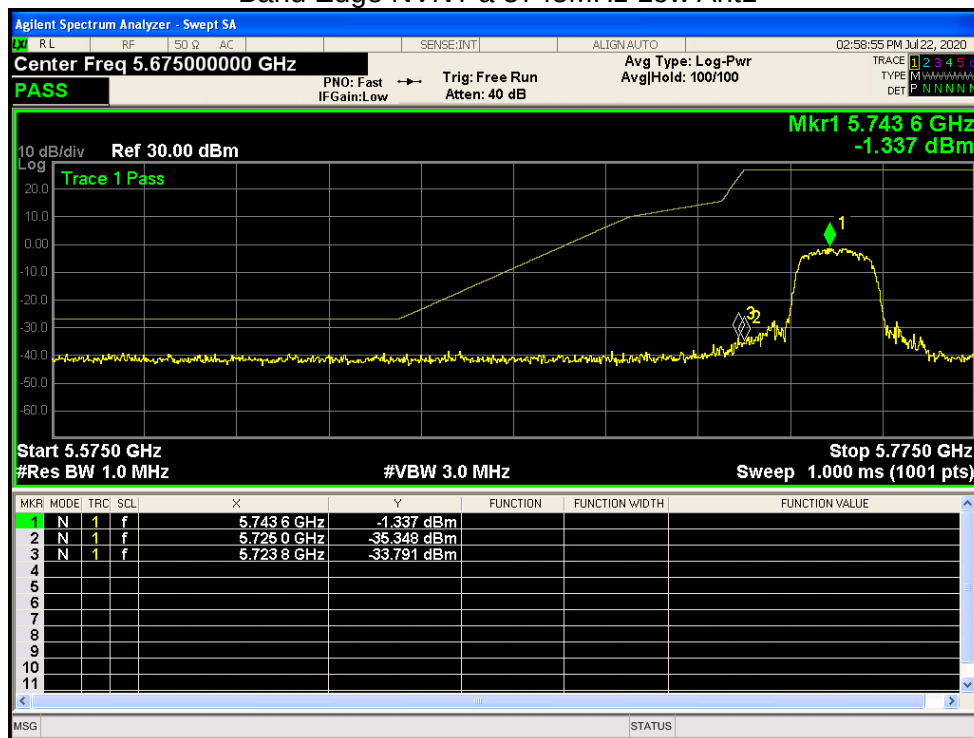
PSD NVNT n40 5795MHz Ant1



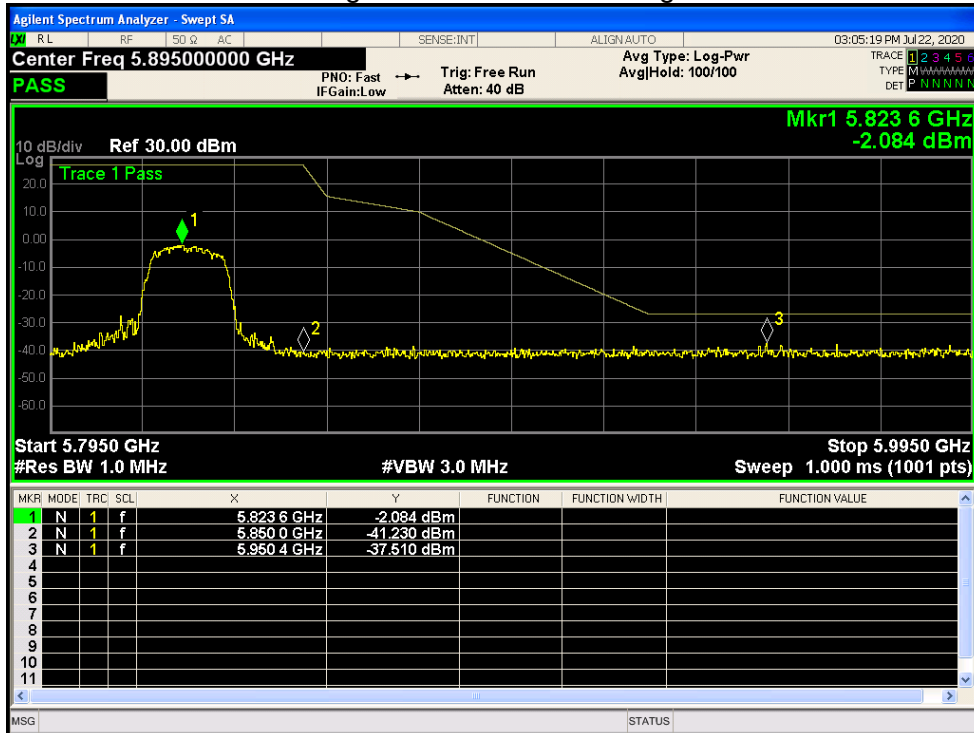
BAND EDGE

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant1	-33.79	Pass
NVNT	a	5825	Ant1	-37.5	Pass
NVNT	ac20	5745	Ant1	-32.88	Pass
NVNT	ac20	5825	Ant1	-38.31	Pass
NVNT	ac40	5755	Ant1	-33.8	Pass
NVNT	ac40	5795	Ant1	-37.82	Pass
NVNT	ac80	5775	Ant1	-39.15	Pass
NVNT	n20	5745	Ant1	-33.79	Pass
NVNT	n20	5825	Ant1	-38.08	Pass
NVNT	n40	5755	Ant1	-28.32	Pass
NVNT	n40	5795	Ant1	-38.06	Pass

Band Edge NVNT a 5745MHz Low Ant1



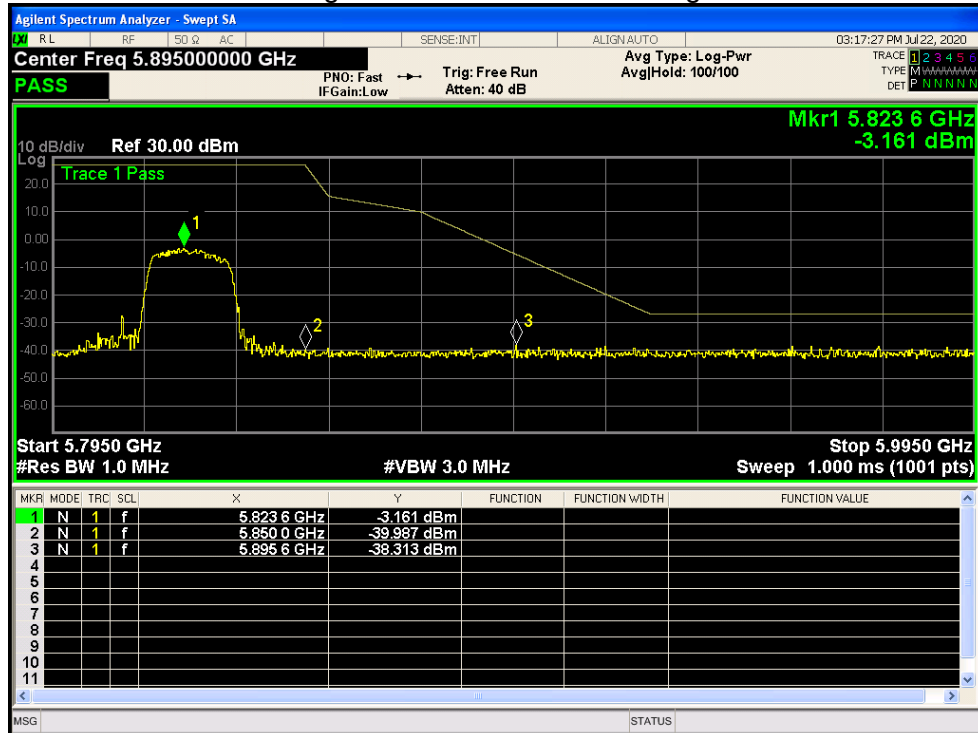
Band Edge NVNT a 5825MHz High Ant1



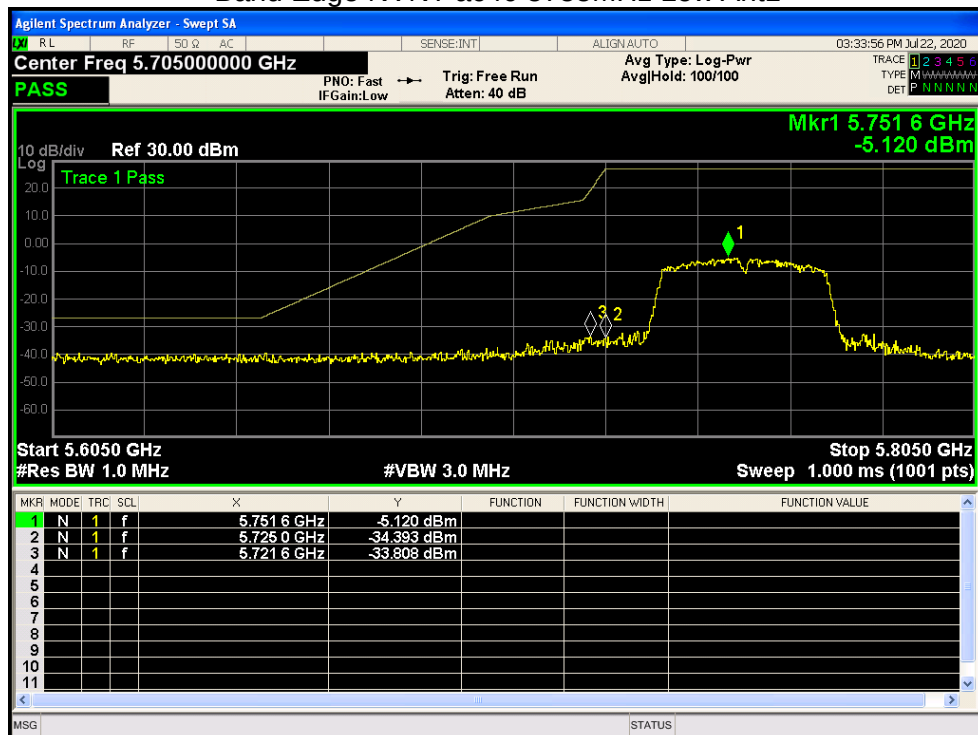
Band Edge NVNT ac20 5745MHz Low Ant1



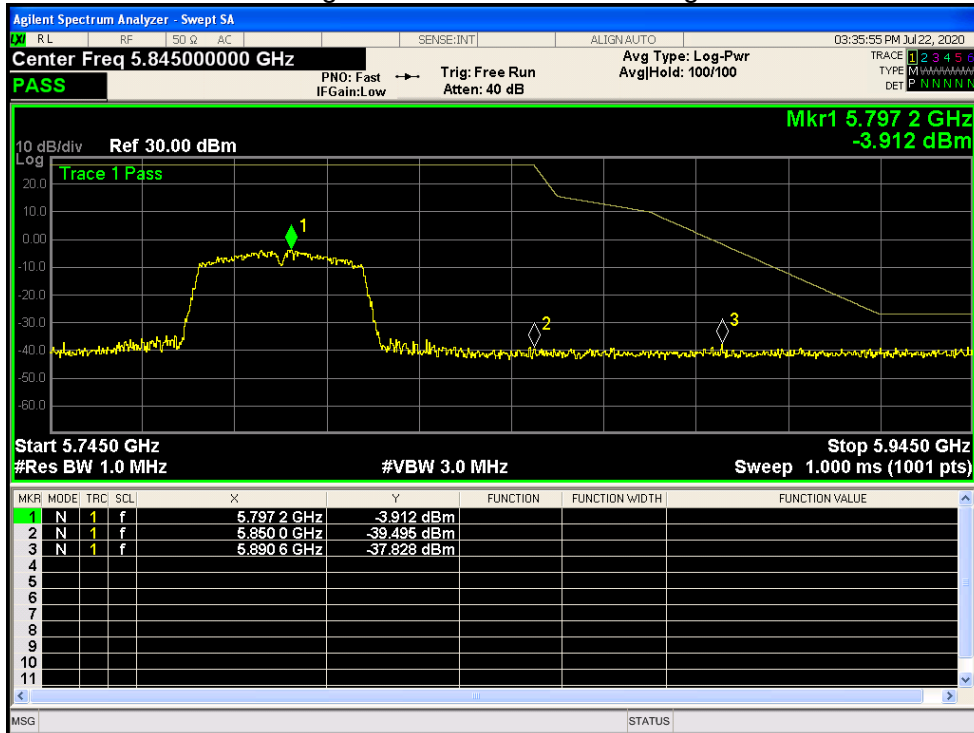
Band Edge NVNT ac20 5825MHz High Ant1



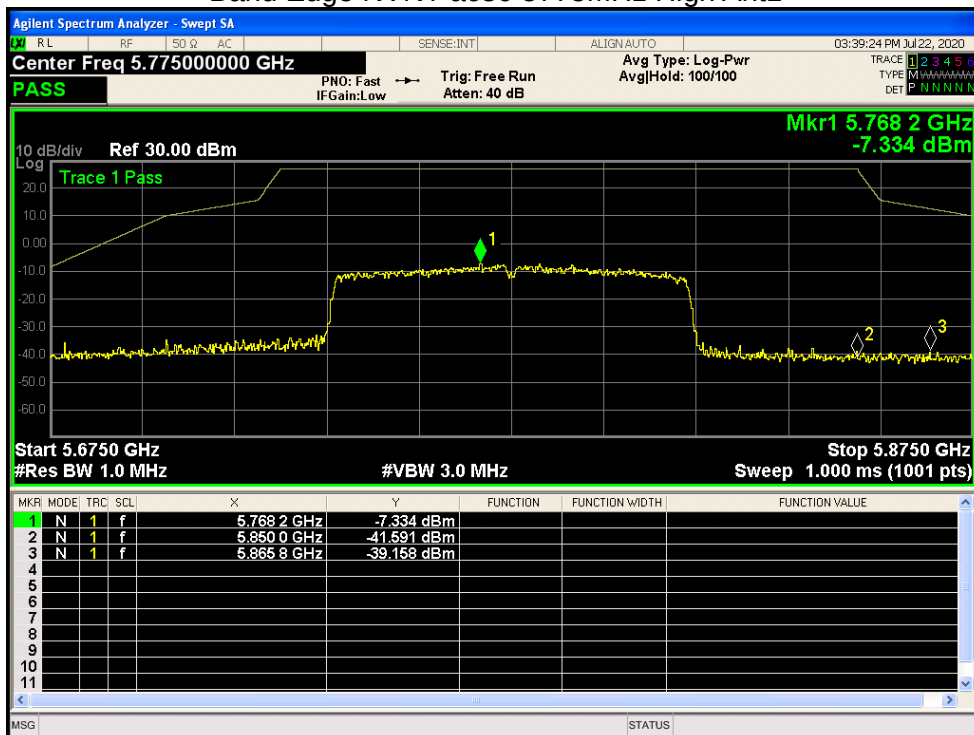
Band Edge NVNT ac40 5755MHz Low Ant1



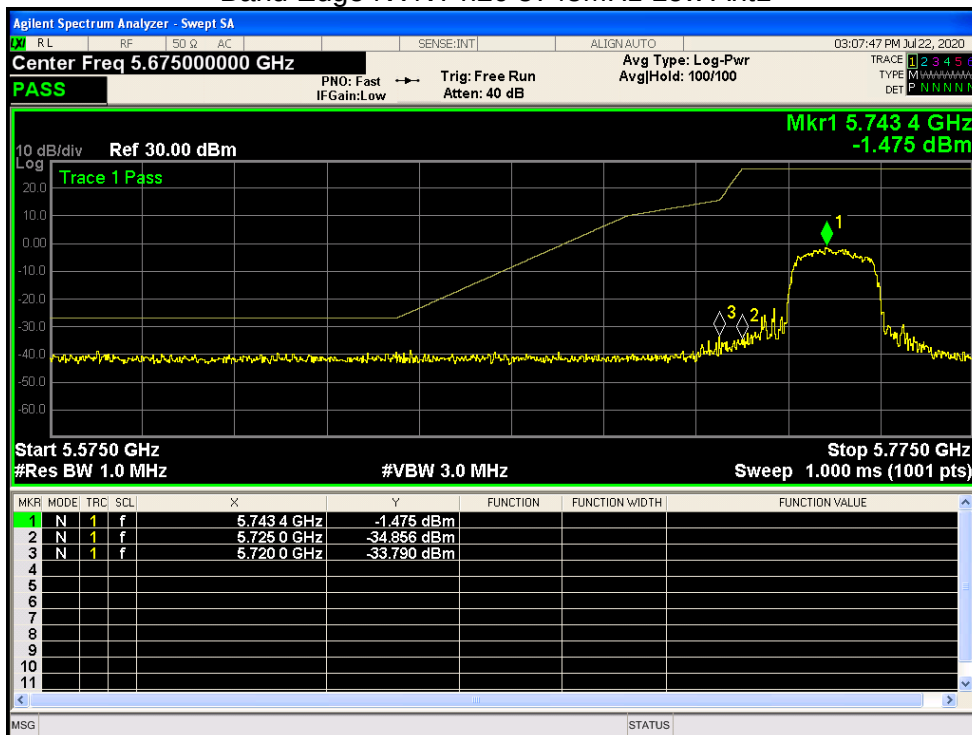
Band Edge NVNT ac40 5795MHz High Ant1



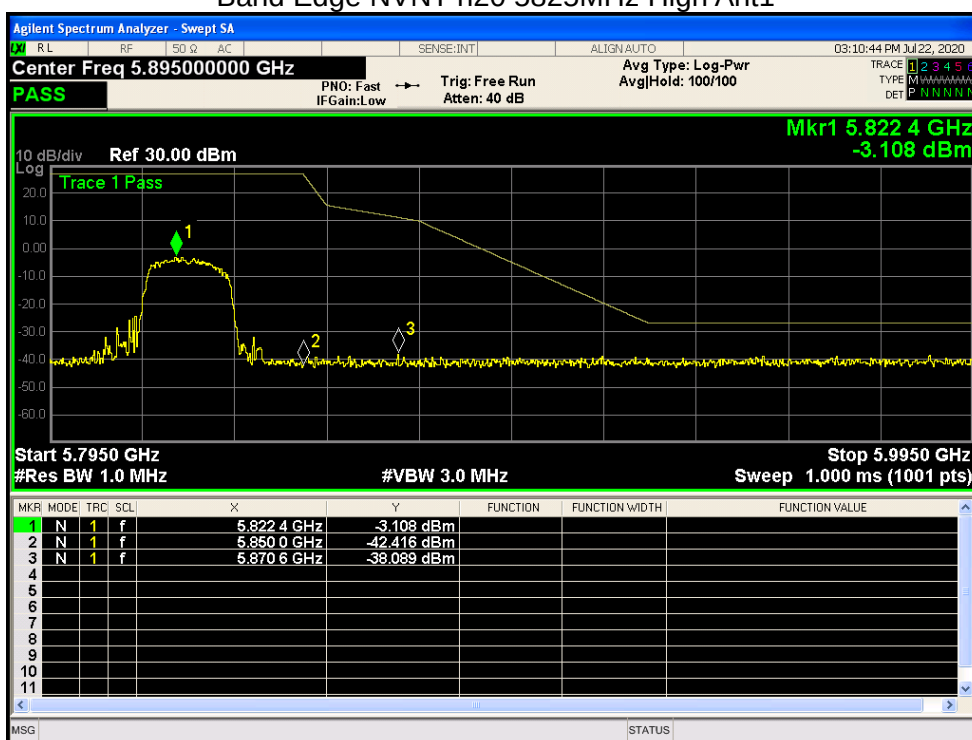
Band Edge NVNT ac80 5775MHz High Ant1



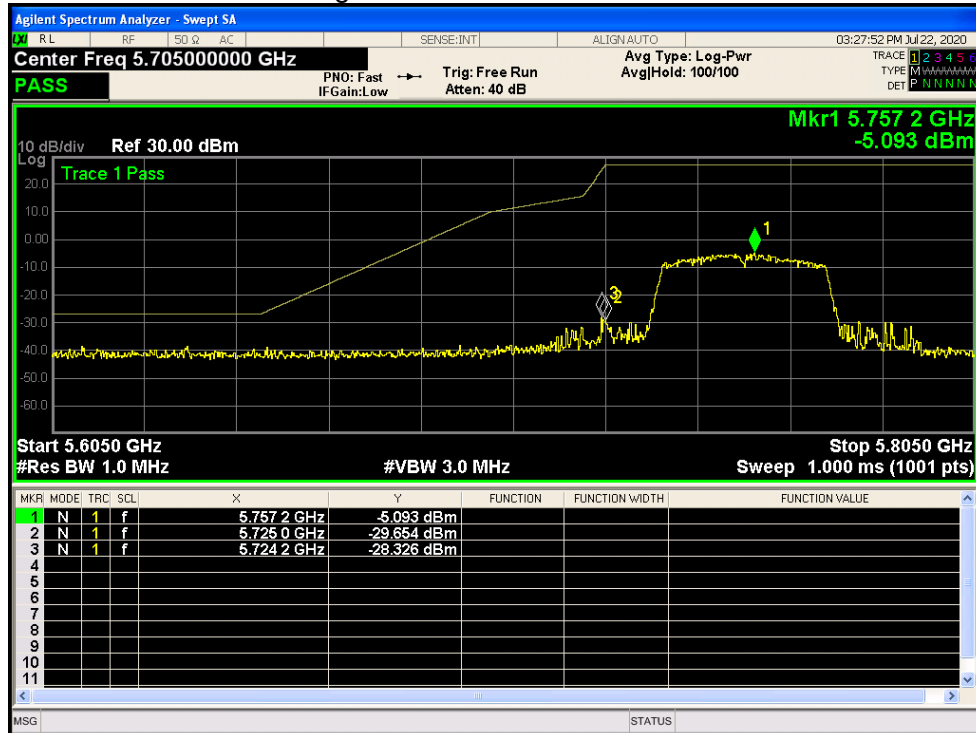
Band Edge NVNT n20 5745MHz Low Ant1



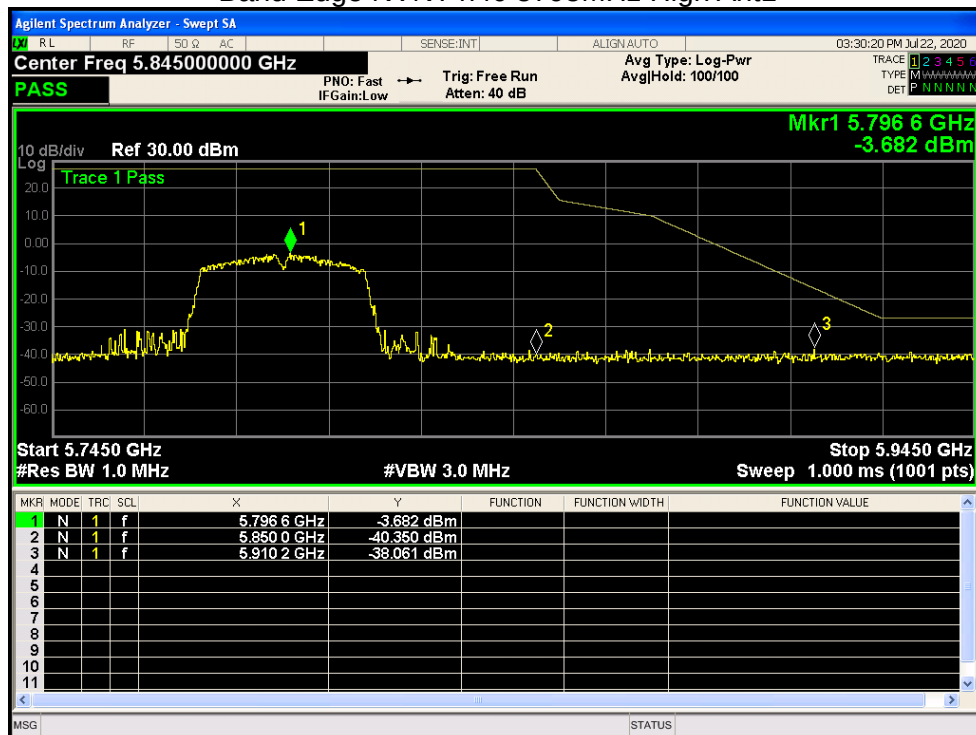
Band Edge NVNT n20 5825MHz High Ant1



Band Edge NVNT n40 5755MHz Low Ant1



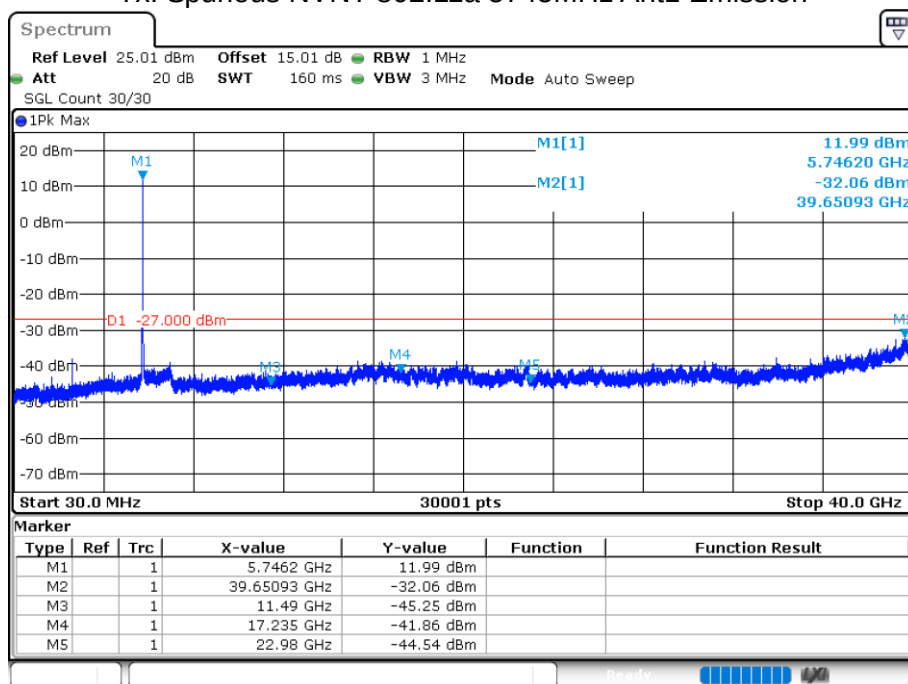
Band Edge NVNT n40 5795MHz High Ant1



CONDUCTED RF SPURIOUS EMISSION

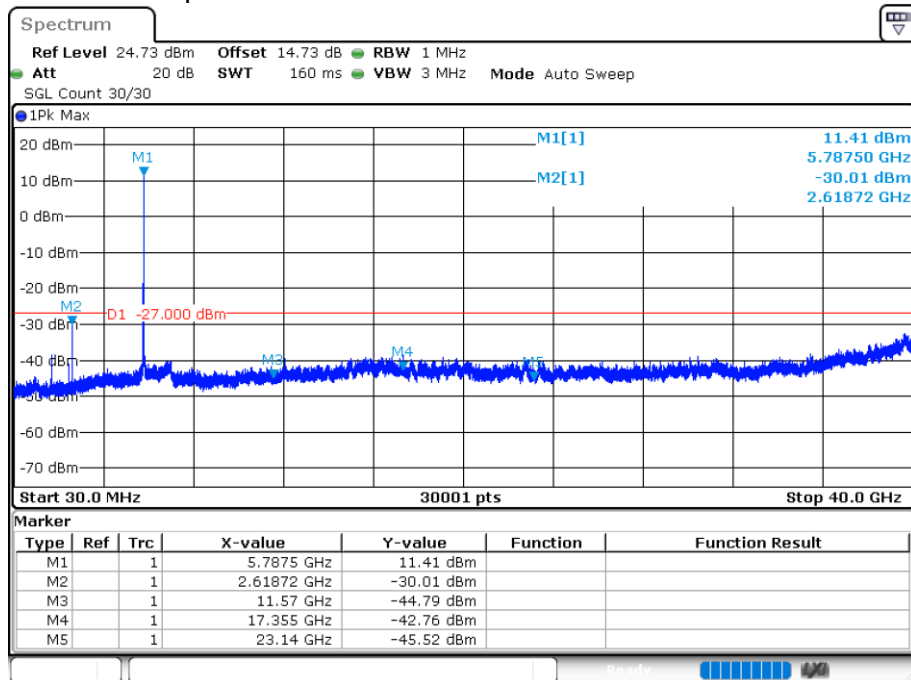
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5745	Ant 1	-32.06	-27	Pass
NVNT	802.11a	5785	Ant 1	-30	-27	Pass
NVNT	802.11a	5825	Ant 1	-32.22	-27	Pass
NVNT	802.11ac20	5745	Ant 1	-32.22	-27	Pass
NVNT	802.11ac20	5785	Ant 1	-32.02	-27	Pass
NVNT	802.11ac20	5825	Ant 1	-32.24	-27	Pass
NVNT	802.11ac40	5755	Ant 1	-32.48	-27	Pass
NVNT	802.11ac40	5795	Ant 1	-32.66	-27	Pass
NVNT	802.11ac80	5775	Ant 1	-29.5	-27	Pass
NVNT	802.11n(HT20)	5745	Ant 1	-32.56	-27	Pass
NVNT	802.11n(HT20)	5785	Ant 1	-32.51	-27	Pass
NVNT	802.11n(HT20)	5825	Ant 1	-32.75	-27	Pass
NVNT	802.11n(HT40)	5755	Ant 1	-31.43	-27	Pass
NVNT	802.11n(HT40)	5795	Ant 1	-32.47	-27	Pass

Tx. Spurious NVNT 802.11a 5745MHz Ant1 Emission



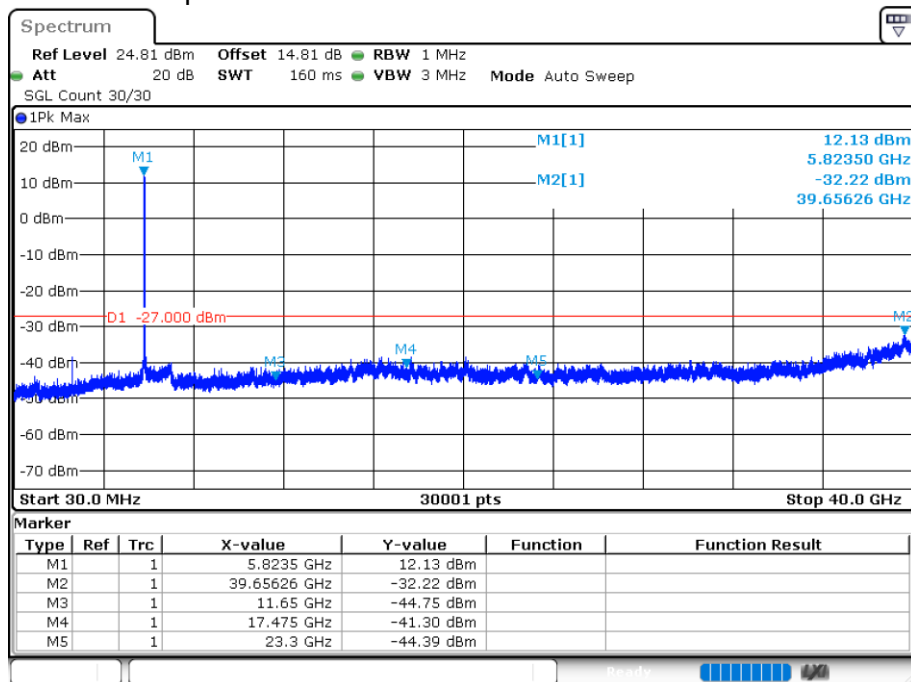
Date: 14.AUG.2020 14:57:56

Tx. Spurious NVNT 802.11a 5785MHz Ant1 Emission



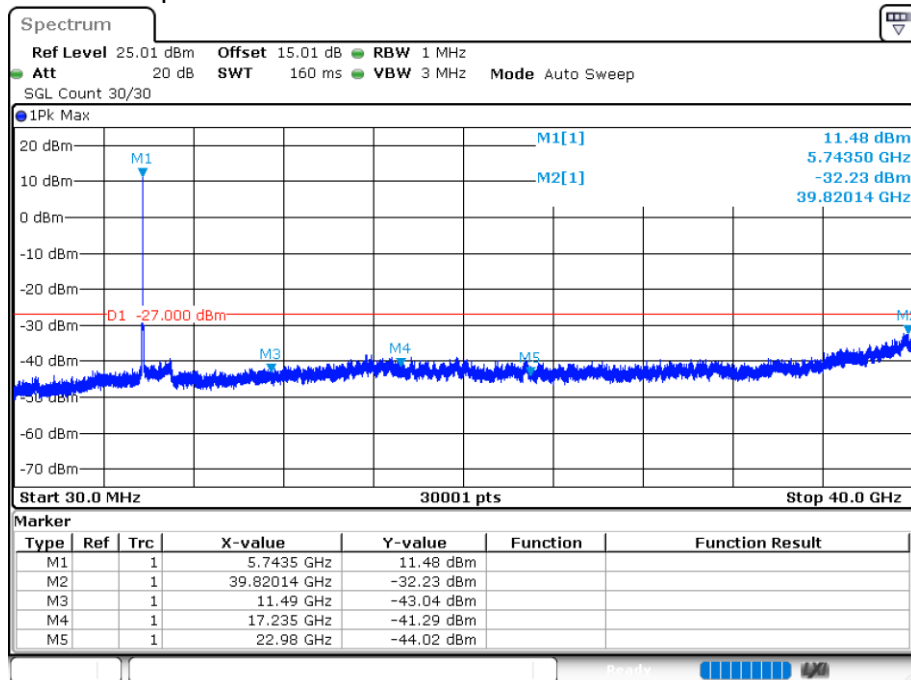
Date: 14.AUG.2020 15:13:07

Tx. Spurious NVNT 802.11a 5825MHz Ant1 Emission



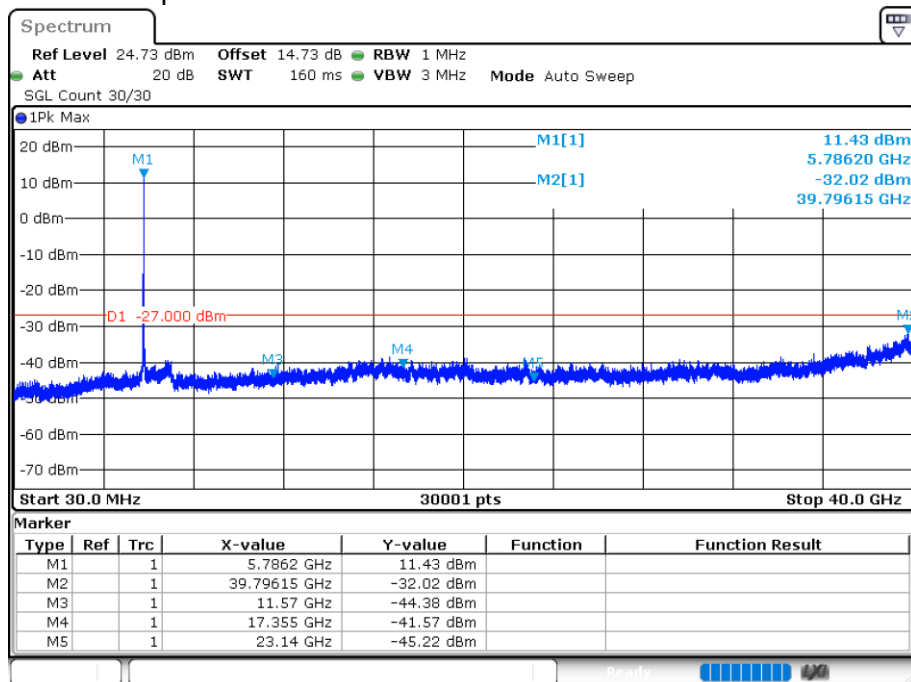
Date: 14.AUG.2020 14:56:09

Tx. Spurious NVNT 802.11ac20 5745MHz Ant1 Emission



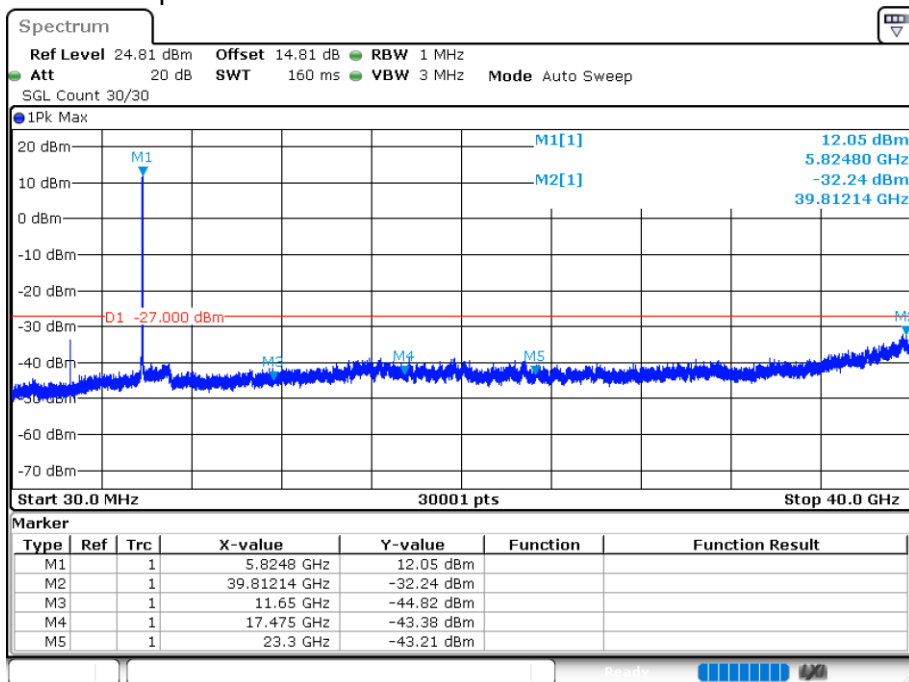
Date: 14.AUG.2020 15:24:25

Tx. Spurious NVNT 802.11ac20 5785MHz Ant1 Emission



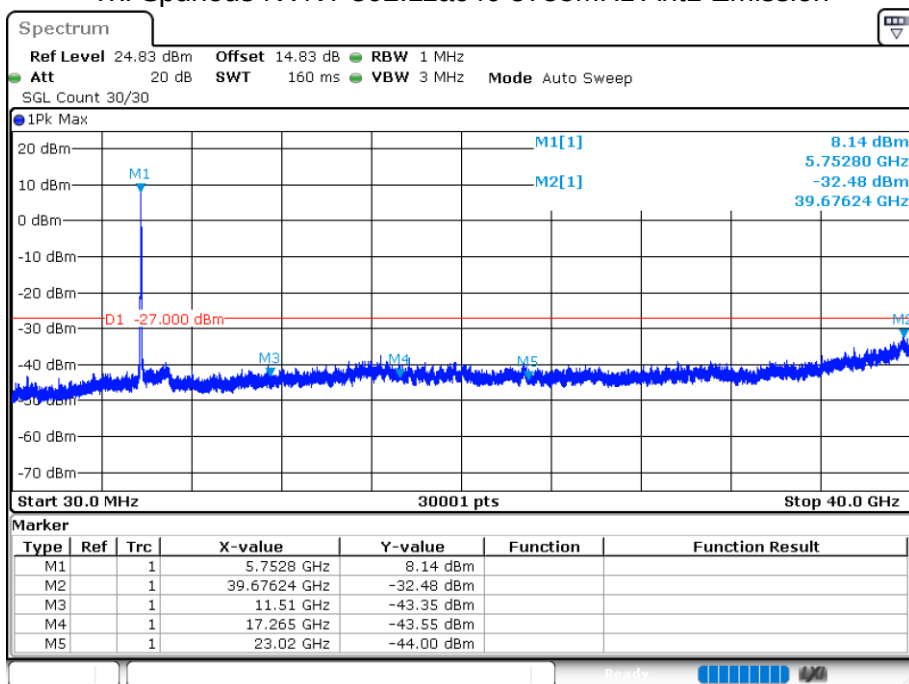
Date: 14.AUG.2020 15:27:29

Tx. Spurious NVNT 802.11ac20 5825MHz Ant1 Emission



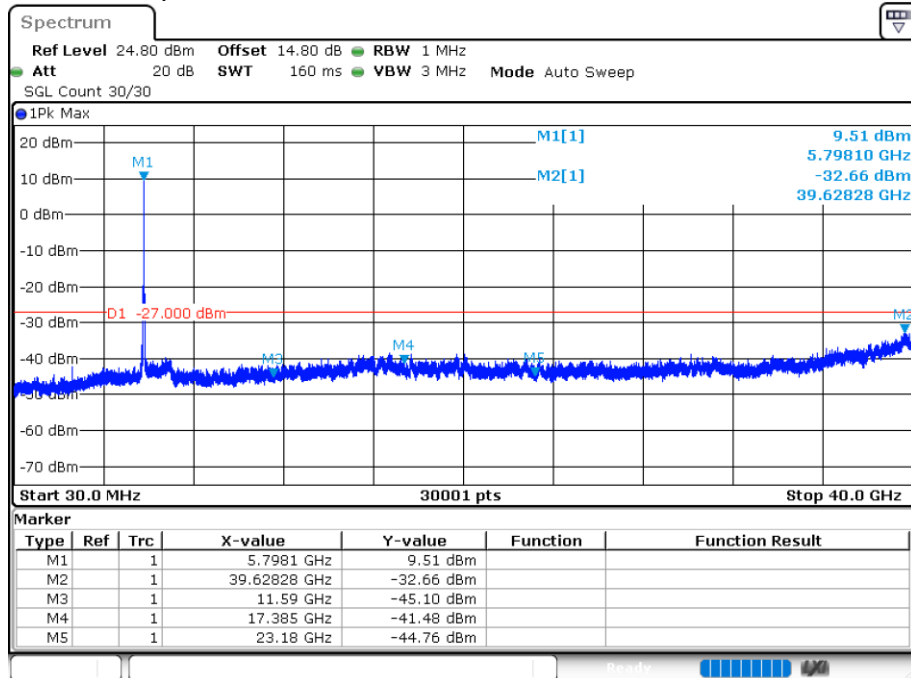
Date: 14.AUG.2020 15:29:38

Tx. Spurious NVNT 802.11ac40 5755MHz Ant1 Emission



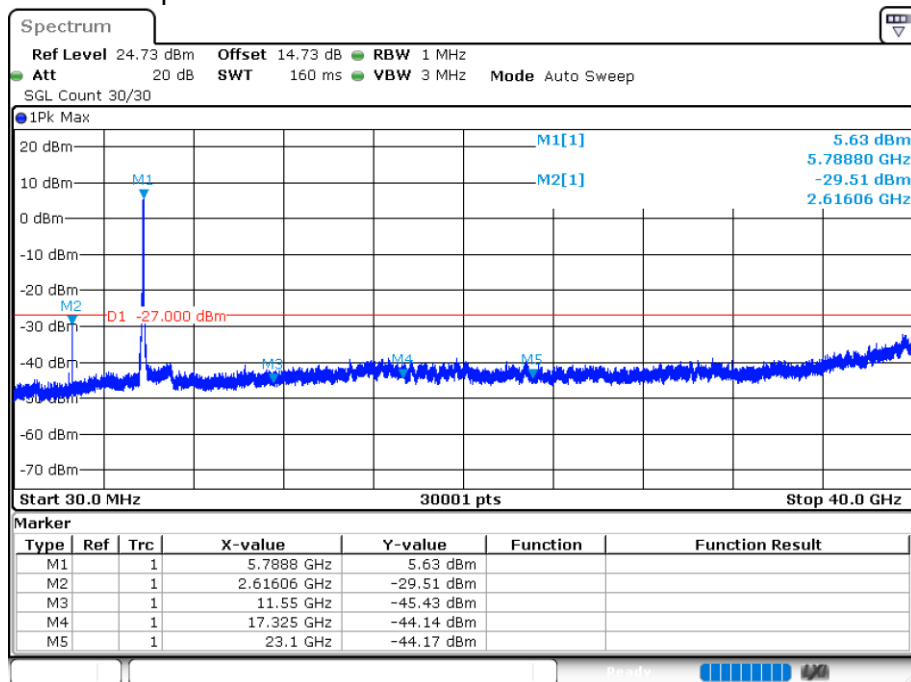
Date: 14.AUG.2020 15:31:44

Tx. Spurious NVNT 802.11ac40 5795MHz Ant1 Emission



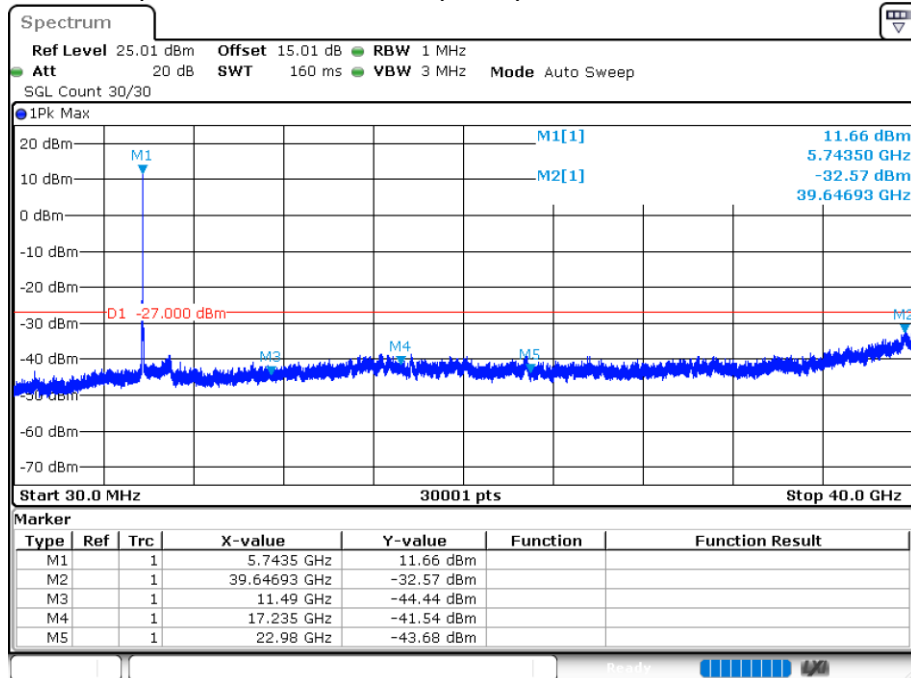
Date: 14.AUG.2020 15:35:54

Tx. Spurious NVNT 802.11ac80 5775MHz Ant1 Emission



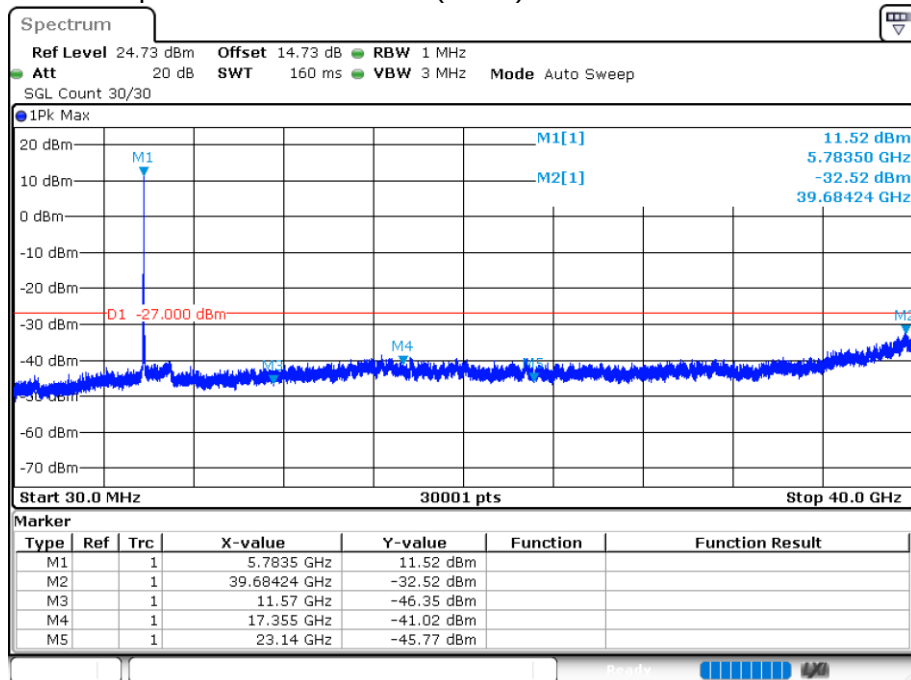
Date: 14.AUG.2020 15:37:55

Tx. Spurious NVNT 802.11n(HT20) 5745MHz Ant1 Emission



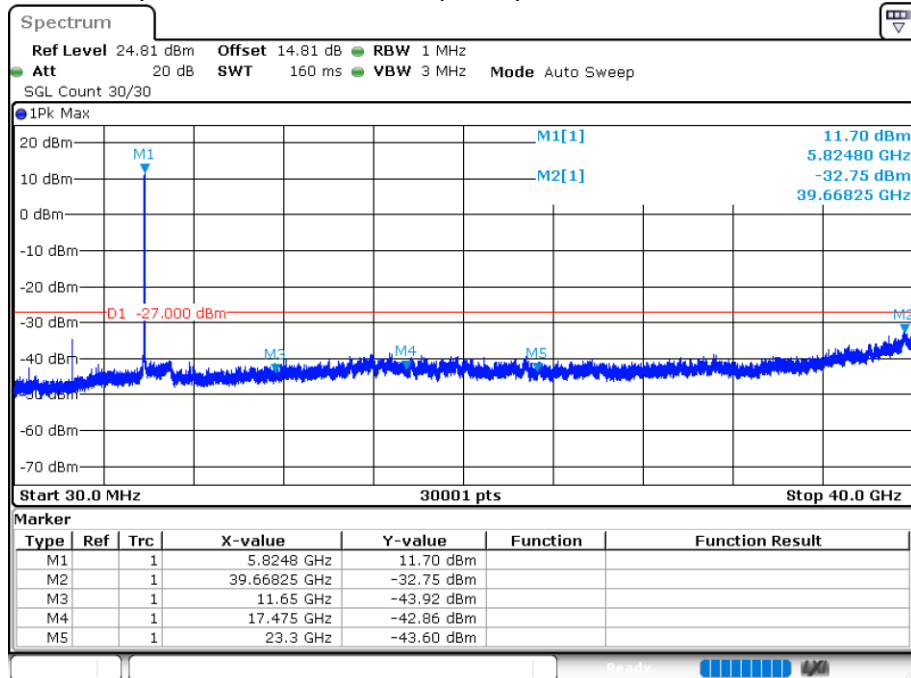
Date: 14.AUG.2020 15:14:41

Tx. Spurious NVNT 802.11n(HT20) 5785MHz Ant1 Emission



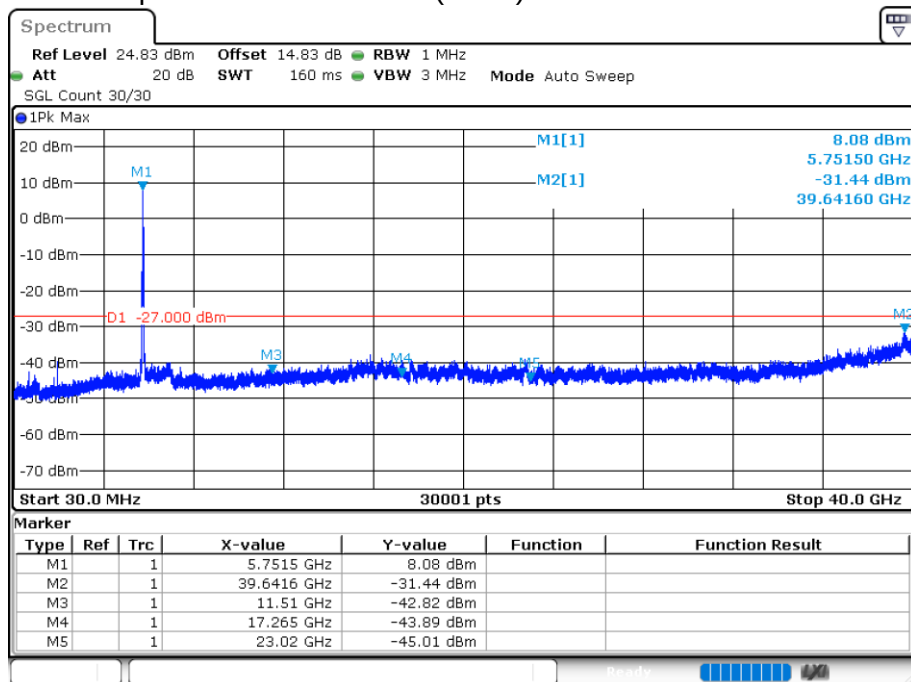
Date: 14.AUG.2020 15:16:03

Tx. Spurious NVNT 802.11n(HT20) 5825MHz Ant1 Emission



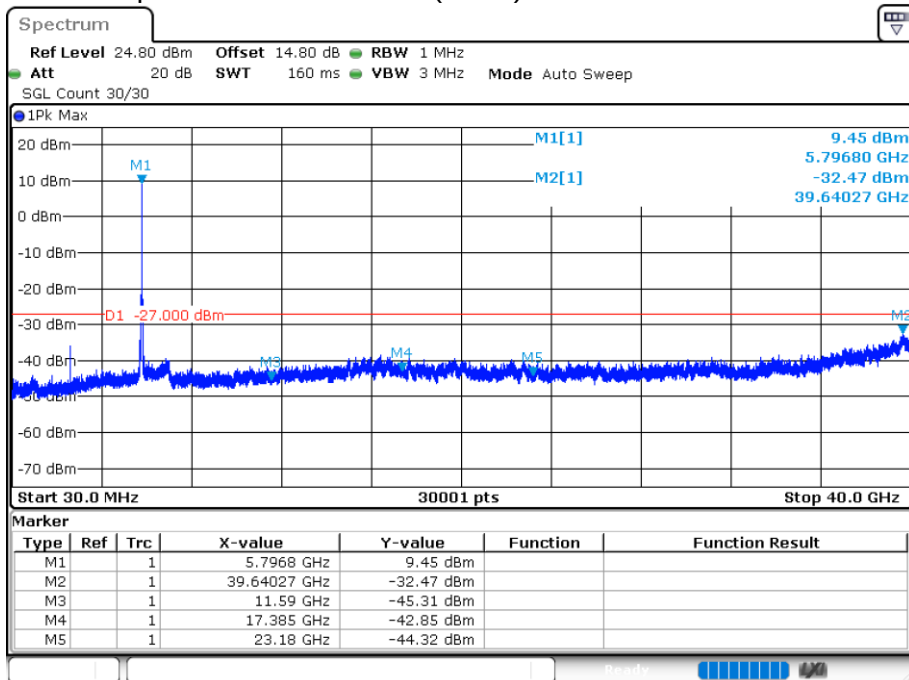
Date: 14.AUG.2020 15:17:37

Tx. Spurious NVNT 802.11n(HT40) 5755MHz Ant1 Emission



Date: 14.AUG.2020 15:20:01

Tx. Spurious NVNT 802.11n(HT40) 5795MHz Ant1 Emission



Date: 14.AUG.2020 15:21:52

END OF REPORT