

Test Data

Maximum Conducted Output Power

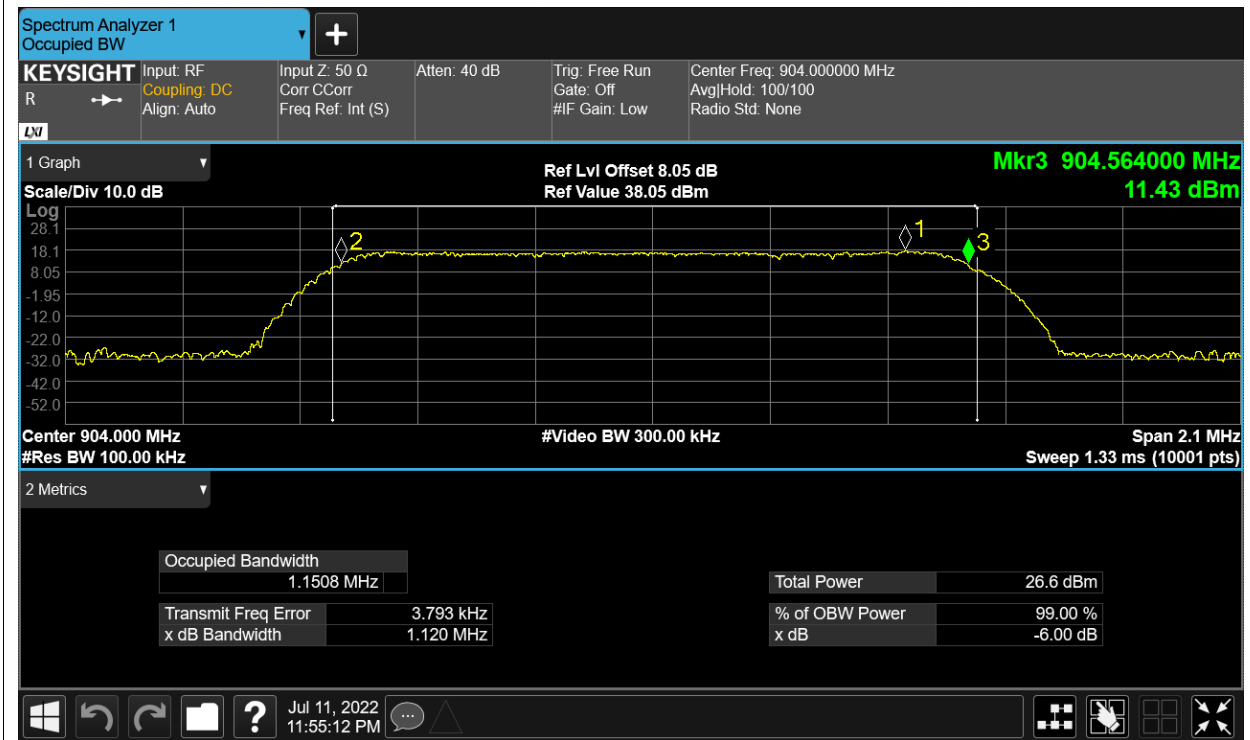
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	900MHz-1.4M-16QAM	904	Ant1	19.48	0	19.48	30	Pass
NVNT	900MHz-1.4M-16QAM	915	Ant1	19.57	0	19.57	30	Pass
NVNT	900MHz-1.4M-16QAM	926	Ant1	19.7	0	19.7	30	Pass
NVNT	900MHz-1.4M-QPSK	904	Ant1	19.74	0	19.74	30	Pass
NVNT	900MHz-1.4M-QPSK	915	Ant1	19.88	0	19.88	30	Pass
NVNT	900MHz-1.4M-QPSK	926	Ant1	19.74	0	19.74	30	Pass
NVNT	900MHz-10M-16QAM	909	Ant1	22.71	0	22.71	30	Pass
NVNT	900MHz-10M-16QAM	915	Ant1	22.79	0	22.79	30	Pass
NVNT	900MHz-10M-16QAM	921	Ant1	22.84	0	22.84	30	Pass
NVNT	900MHz-10M-QPSK	909	Ant1	22.72	0	22.72	30	Pass
NVNT	900MHz-10M-QPSK	915	Ant1	22.73	0	22.73	30	Pass
NVNT	900MHz-10M-QPSK	921	Ant1	22.84	0	22.84	30	Pass
NVNT	900MHz-20M-16QAM	914	Ant1	25.25	0	25.25	30	Pass
NVNT	900MHz-20M-16QAM	915	Ant1	25.28	0	25.28	30	Pass
NVNT	900MHz-20M-16QAM	916	Ant1	25.31	0	25.31	30	Pass
NVNT	900MHz-20M-QPSK	914	Ant1	25.28	0	25.28	30	Pass
NVNT	900MHz-20M-QPSK	915	Ant1	25.27	0	25.27	30	Pass
NVNT	900MHz-20M-QPSK	916	Ant1	25.31	0	25.31	30	Pass

-6dB Bandwidth

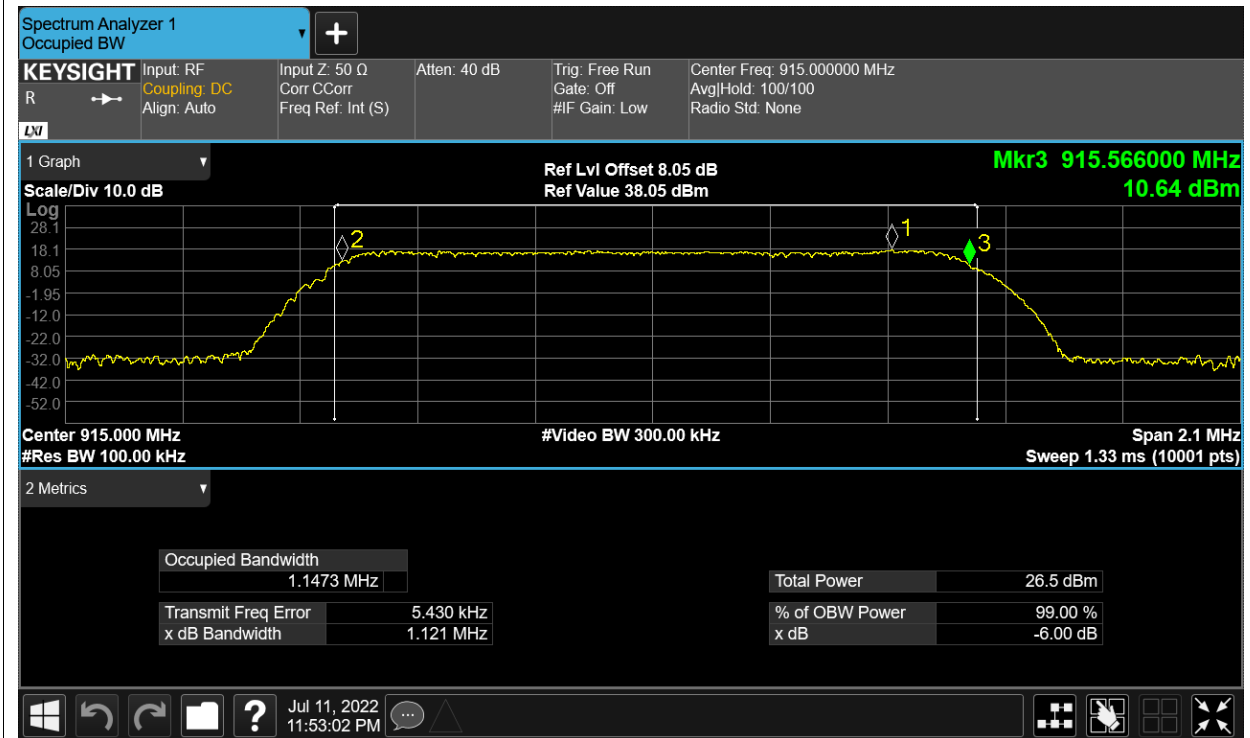
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	900MHz-1.4M-16QAM	904	Ant1	1.12	0.5	Pass
NVNT	900MHz-1.4M-16QAM	915	Ant1	1.121	0.5	Pass
NVNT	900MHz-1.4M-16QAM	926	Ant1	1.12	0.5	Pass
NVNT	900MHz-1.4M-QPSK	904	Ant1	1.118	0.5	Pass
NVNT	900MHz-1.4M-QPSK	915	Ant1	1.122	0.5	Pass
NVNT	900MHz-1.4M-QPSK	926	Ant1	1.119	0.5	Pass
NVNT	900MHz-10M-16QAM	909	Ant1	8.998	0.5	Pass
NVNT	900MHz-10M-16QAM	915	Ant1	8.975	0.5	Pass
NVNT	900MHz-10M-16QAM	921	Ant1	9.004	0.5	Pass
NVNT	900MHz-10M-QPSK	909	Ant1	8.99	0.5	Pass
NVNT	900MHz-10M-QPSK	915	Ant1	8.984	0.5	Pass
NVNT	900MHz-10M-QPSK	921	Ant1	8.991	0.5	Pass
NVNT	900MHz-20M-16QAM	914	Ant1	18.01	0.5	Pass
NVNT	900MHz-20M-16QAM	915	Ant1	18.026	0.5	Pass
NVNT	900MHz-20M-16QAM	916	Ant1	18.034	0.5	Pass
NVNT	900MHz-20M-QPSK	914	Ant1	17.991	0.5	Pass
NVNT	900MHz-20M-QPSK	915	Ant1	17.985	0.5	Pass
NVNT	900MHz-20M-QPSK	916	Ant1	18.017	0.5	Pass

Test Graphs

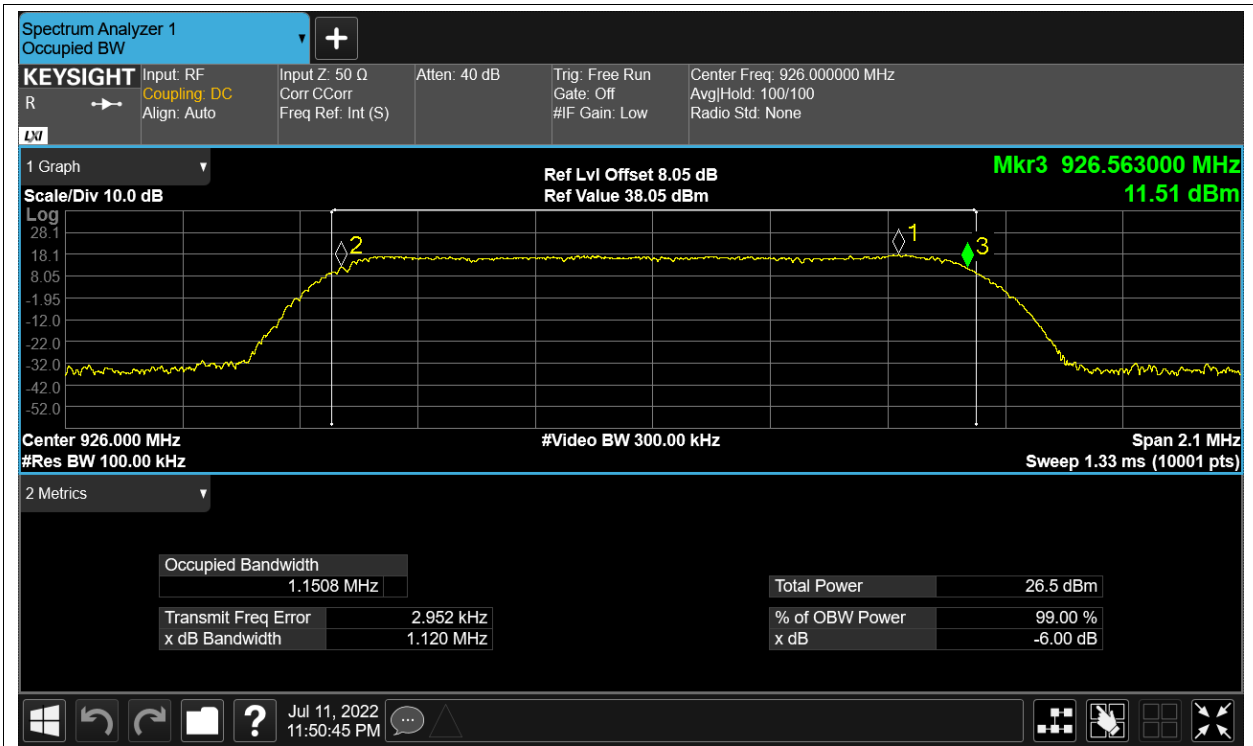
-6dB Bandwidth NVNT 900MHz-1.4M-16QAM 904MHz Ant1



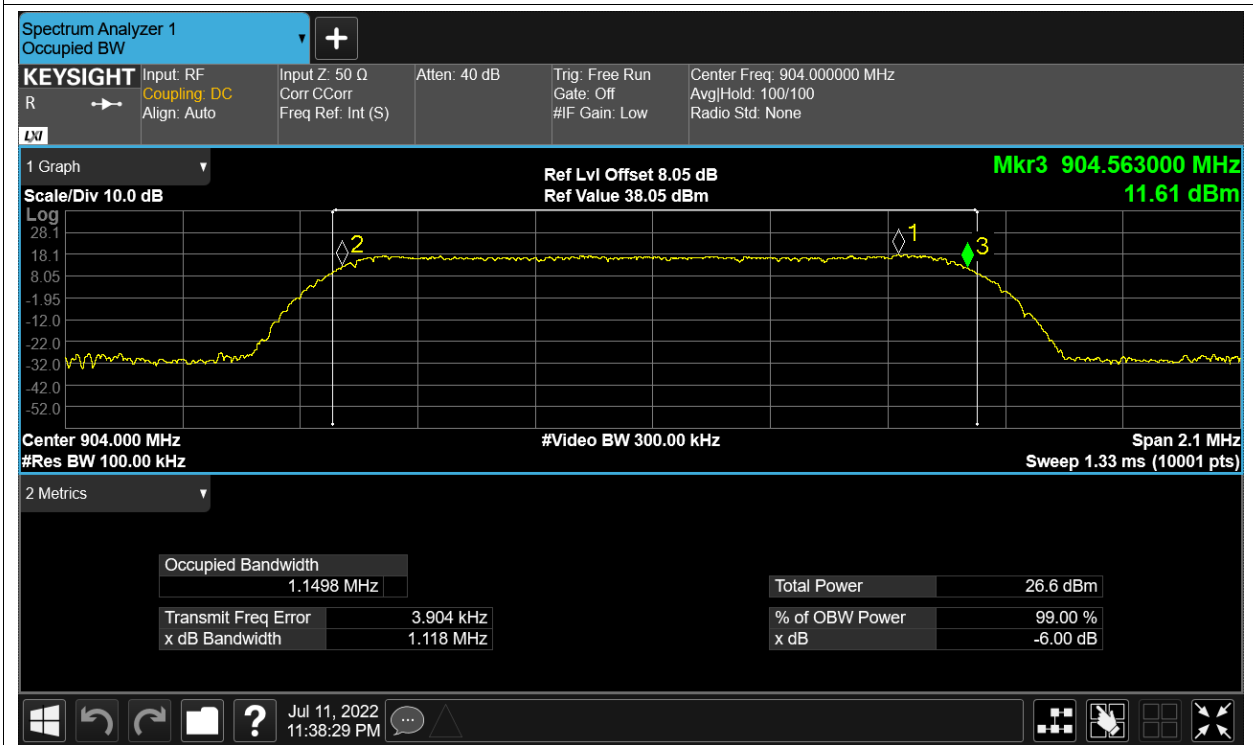
-6dB Bandwidth NVNT 900MHz-1.4M-16QAM 915MHz Ant1



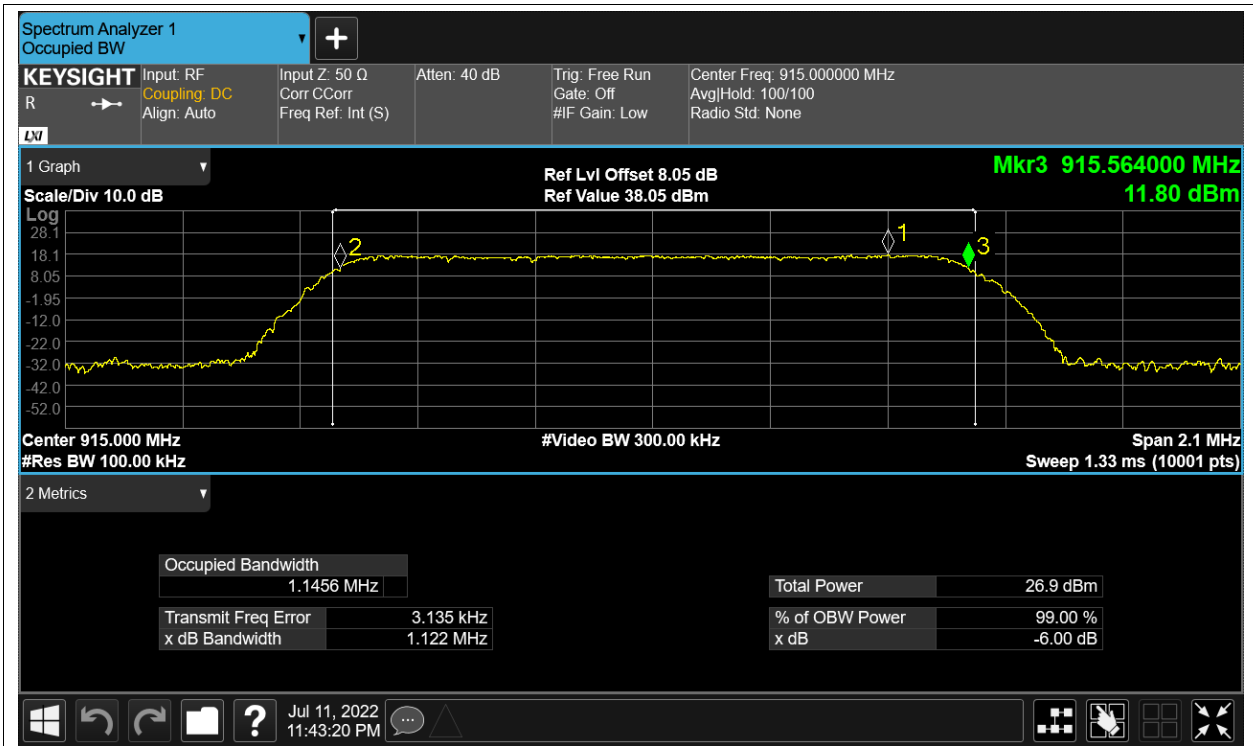
-6dB Bandwidth NVNT 900MHz-1.4M-16QAM 926MHz Ant1



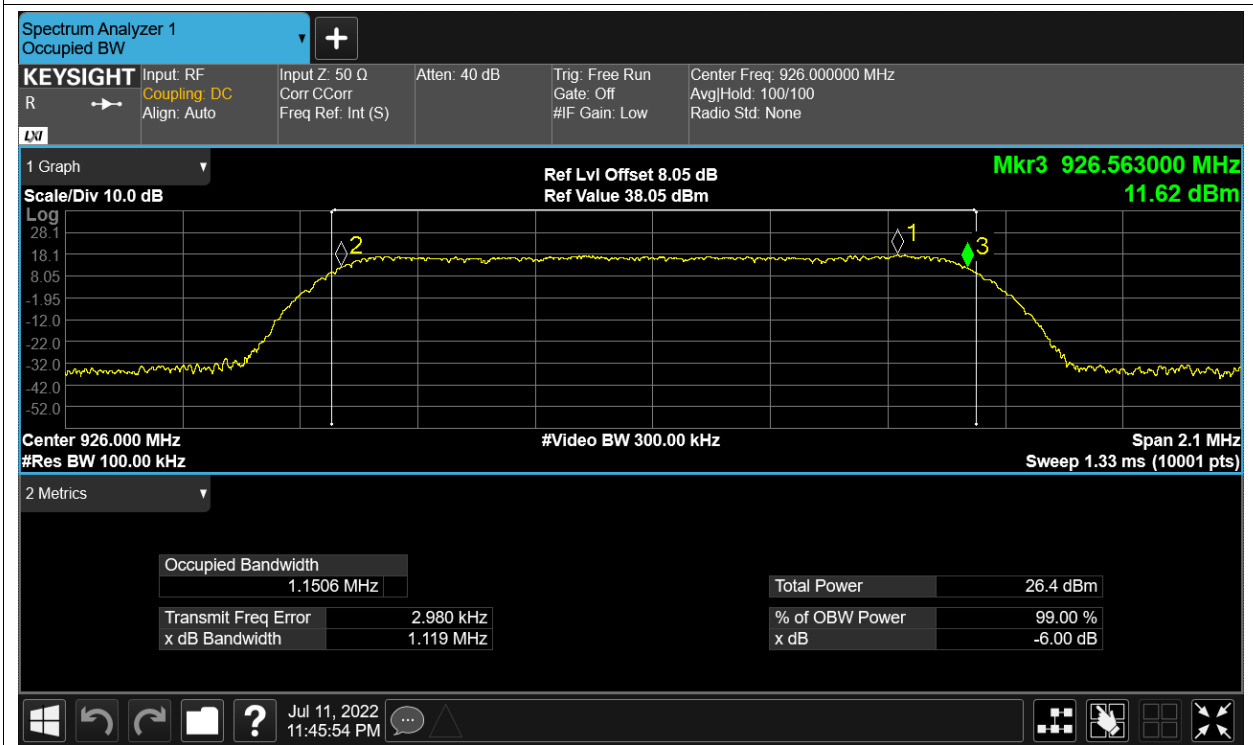
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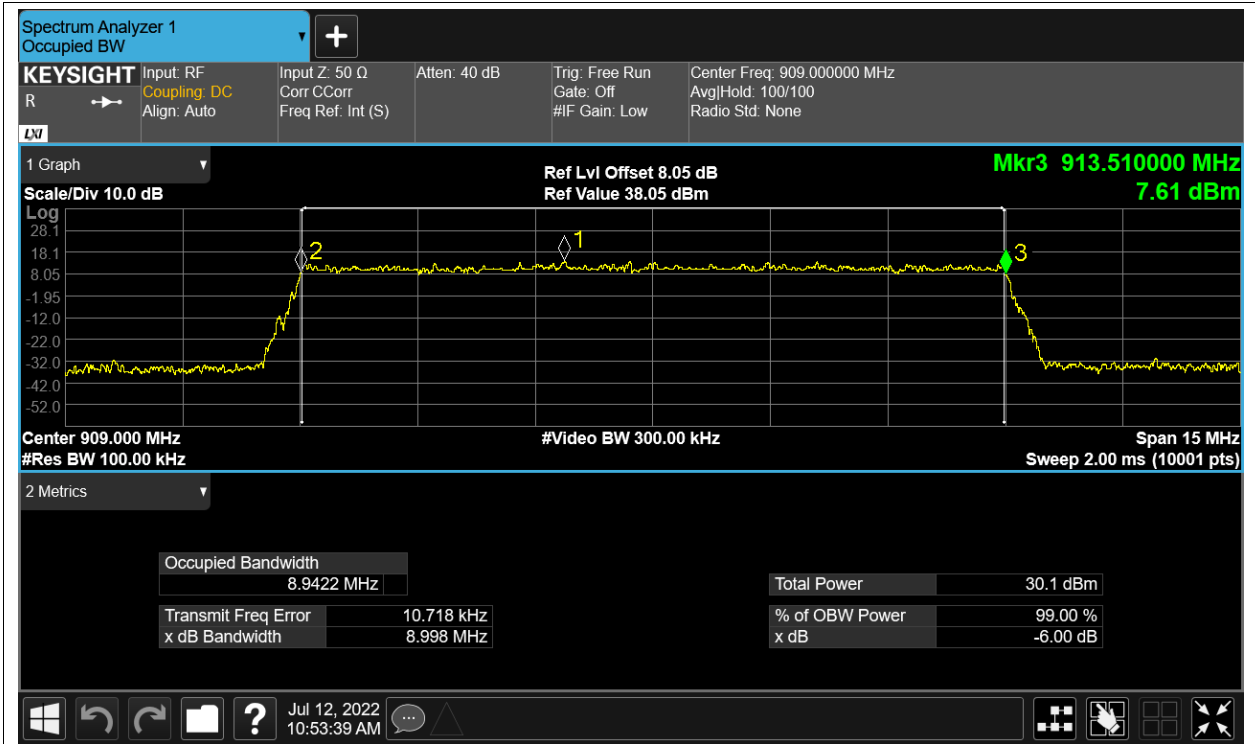
-6dB Bandwidth NVNT 900MHz-1.4M-QPSK 915MHz Ant1



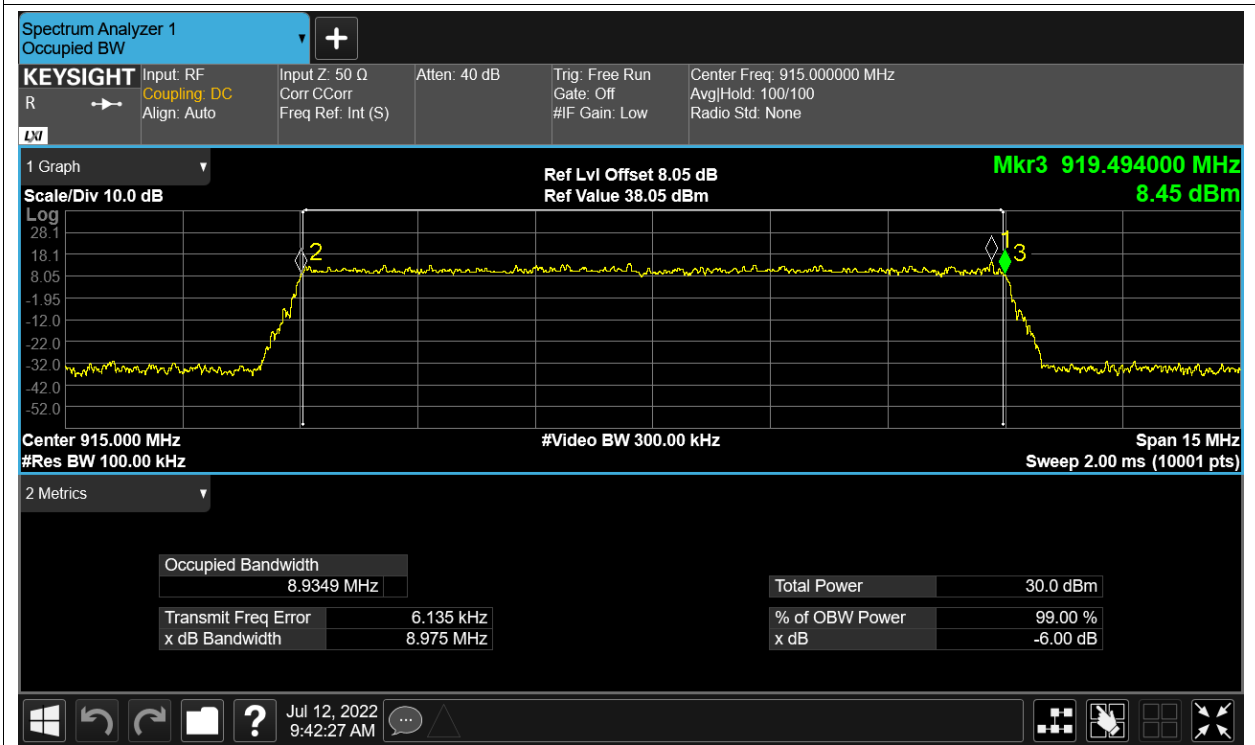
-6dB Bandwidth NVNT 900MHz-1.4M-QPSK 926MHz Ant1



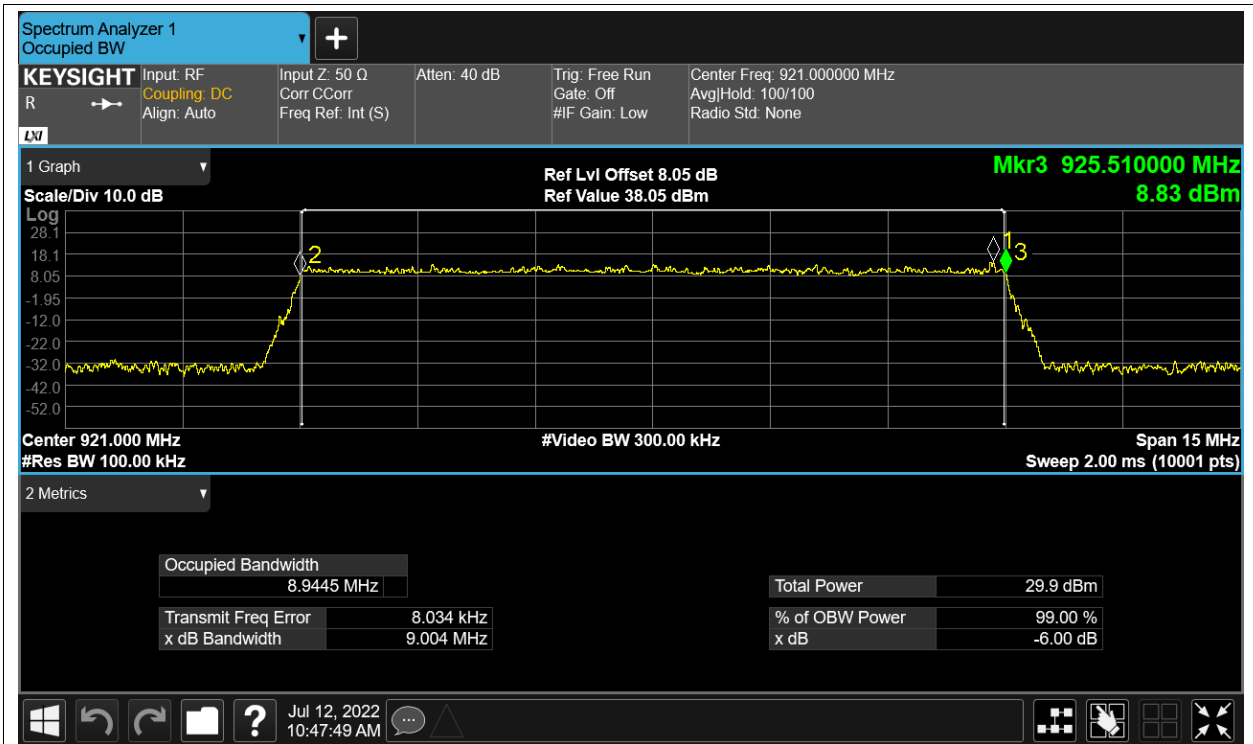
-6dB Bandwidth NVNT 900MHz-10M-16QAM 909MHz Ant1



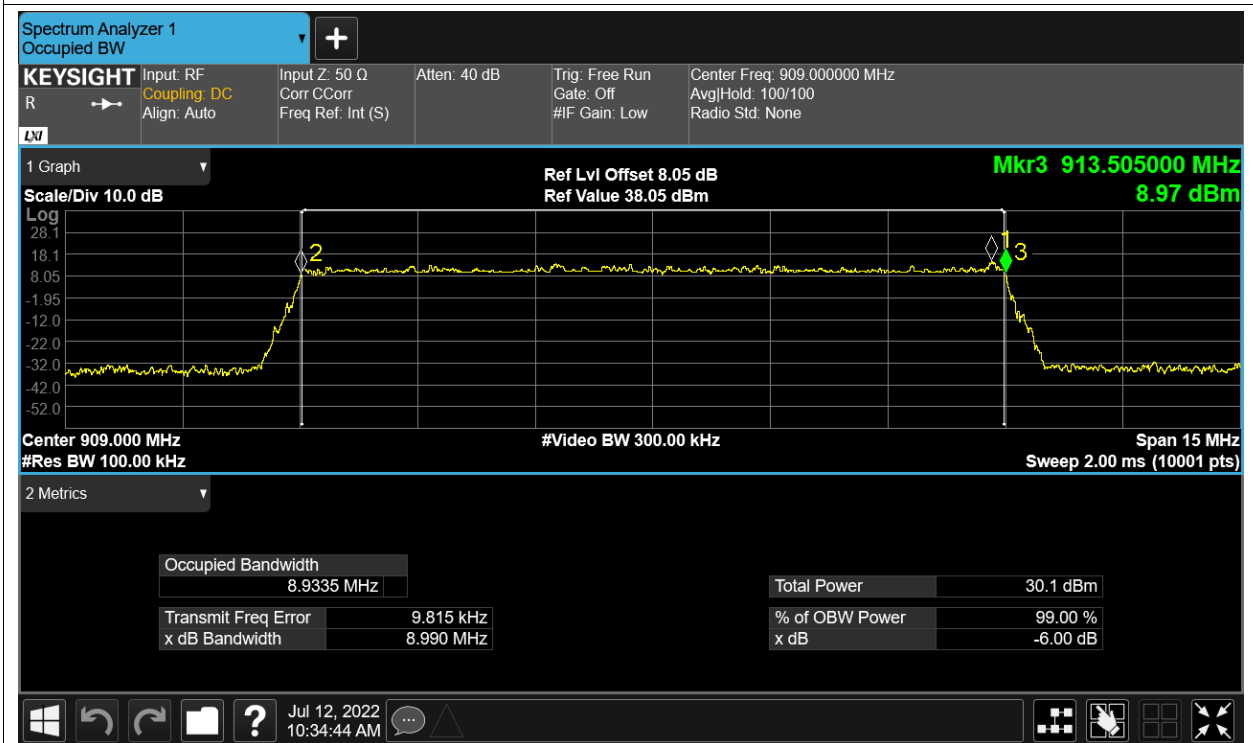
-6dB Bandwidth NVNT 900MHz-10M-16QAM 915MHz Ant1



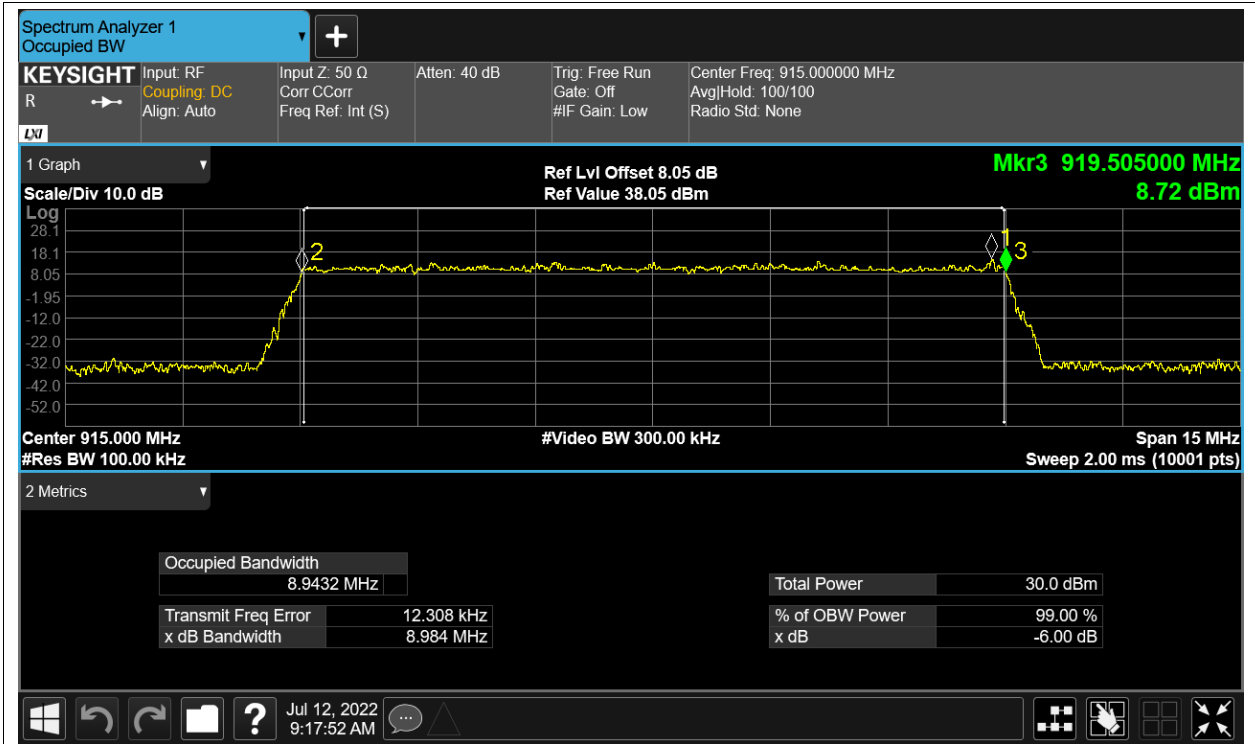
-6dB Bandwidth NVNT 900MHz-10M-16QAM 921MHz Ant1



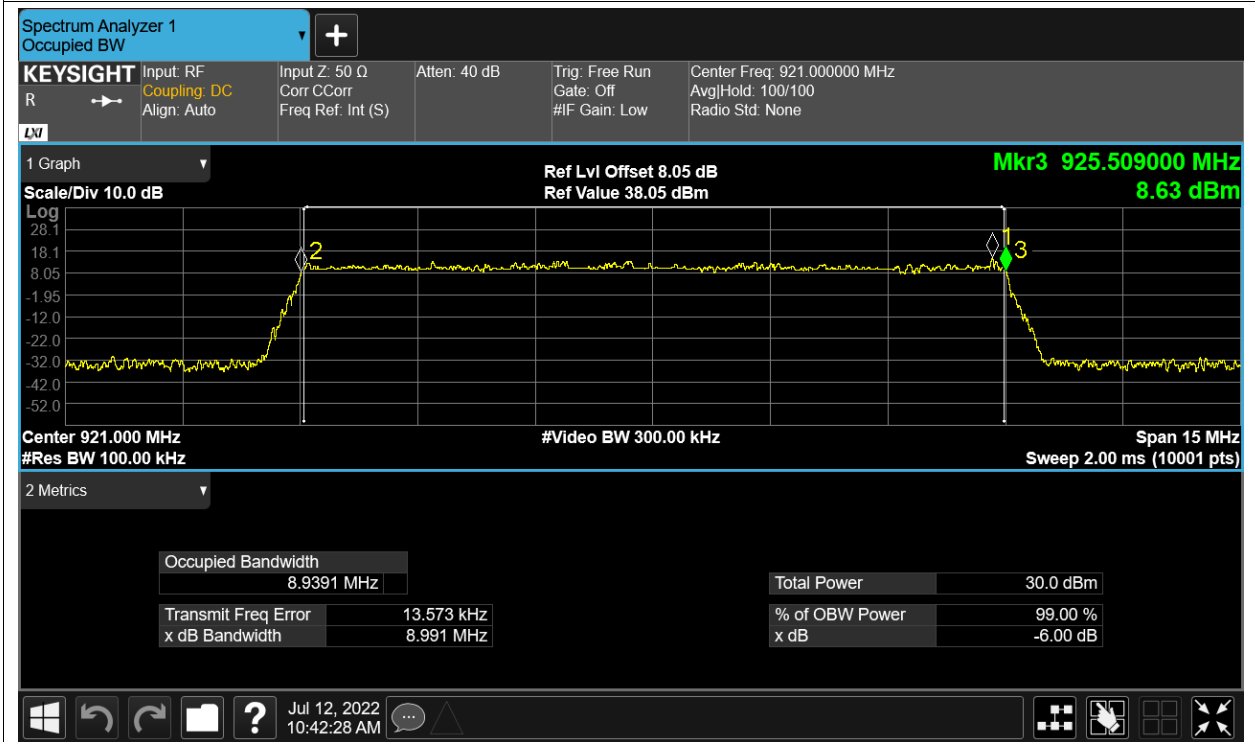
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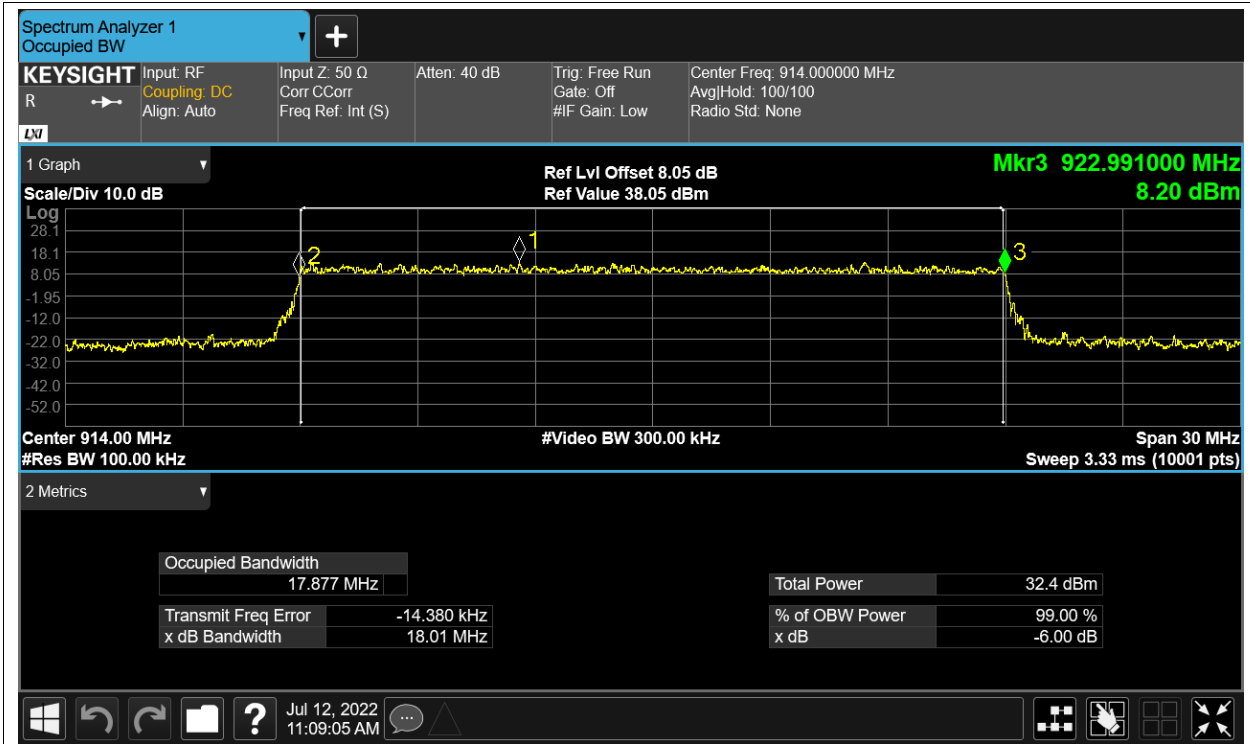
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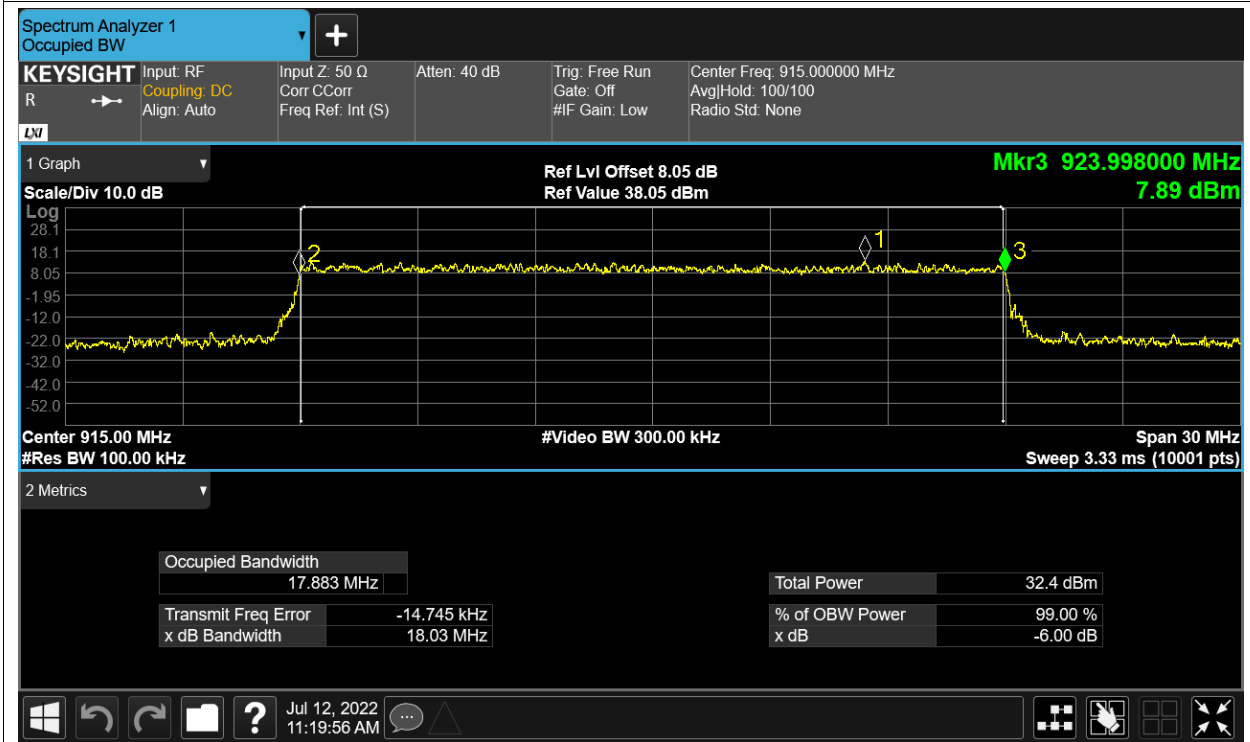
-6dB Bandwidth NVNT 900MHz-10M-QPSK 921MHz Ant1



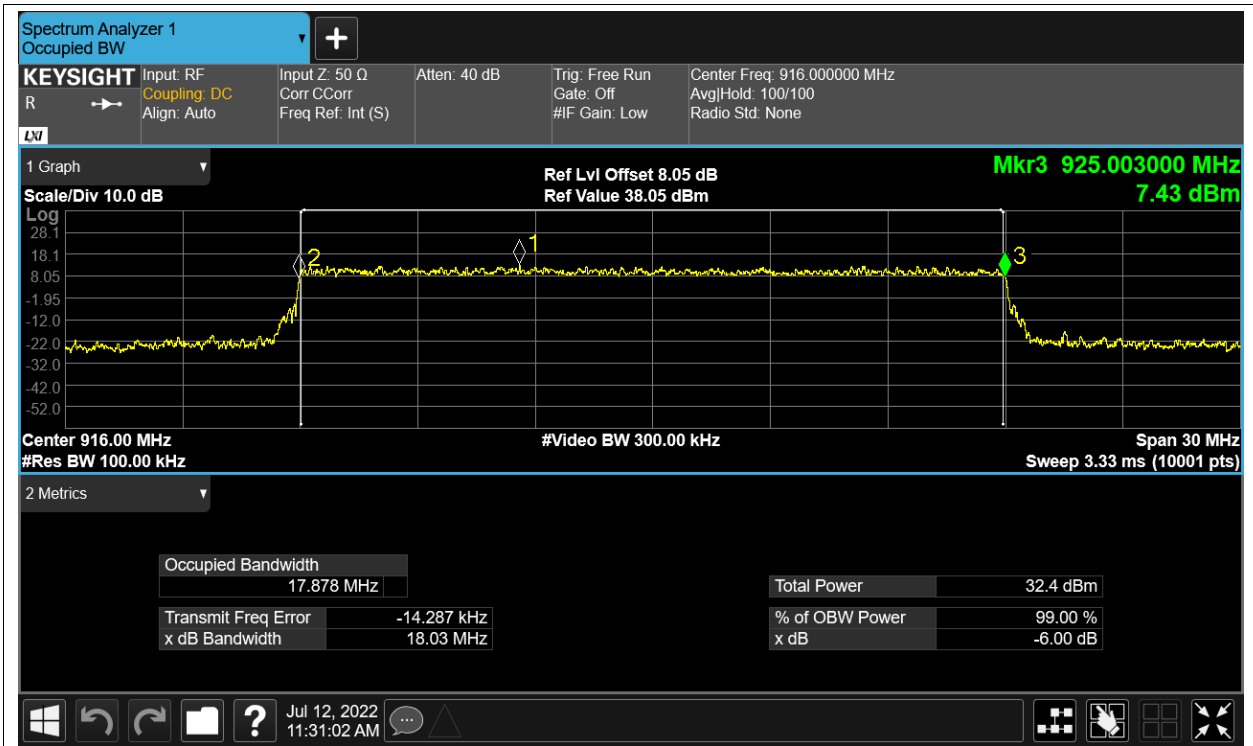
-6dB Bandwidth NVNT 900MHz-20M-16QAM 914MHz Ant1



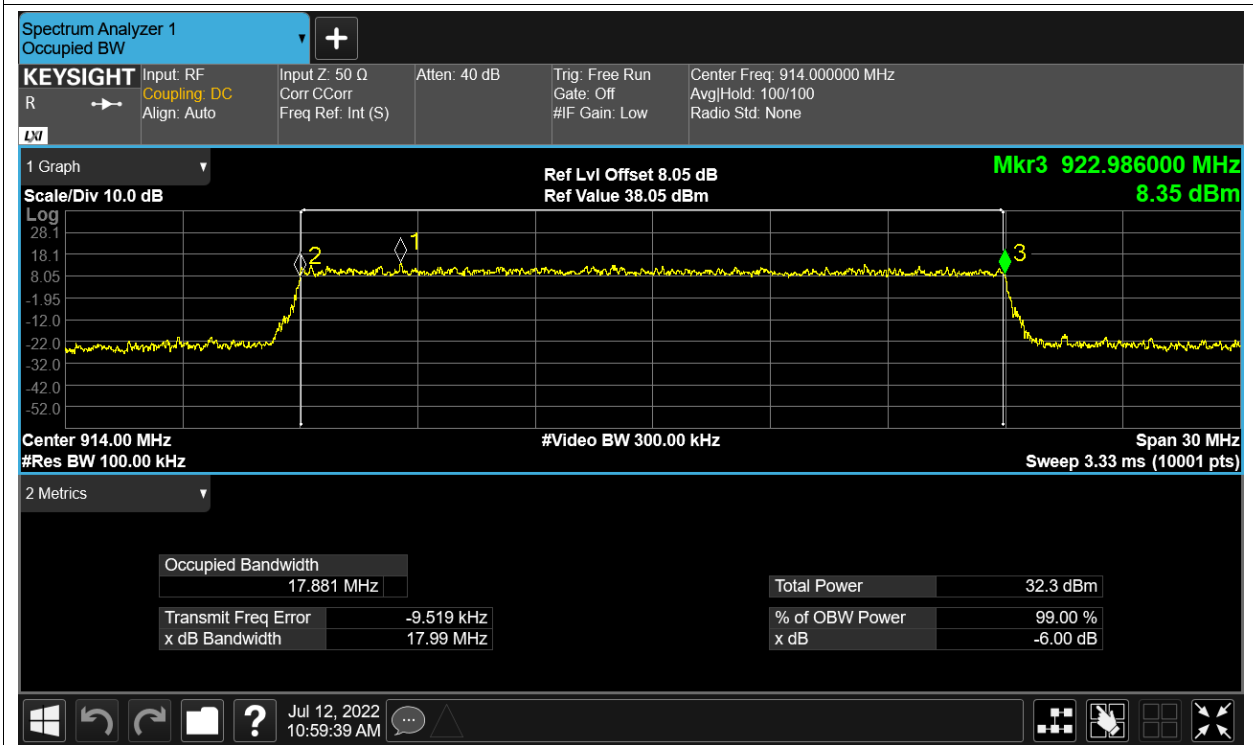
-6dB Bandwidth NVNT 900MHz-20M-16QAM 915MHz Ant1



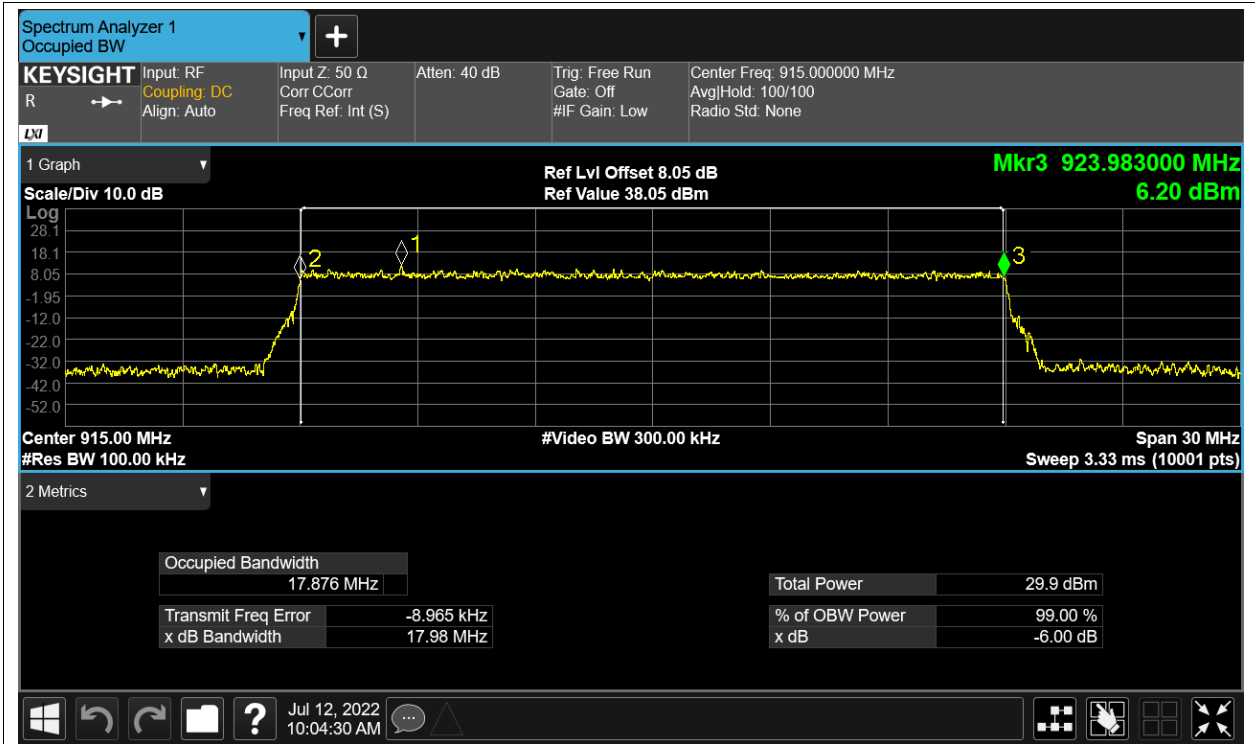
-6dB Bandwidth NVNT 900MHz-20M-16QAM 916MHz Ant1



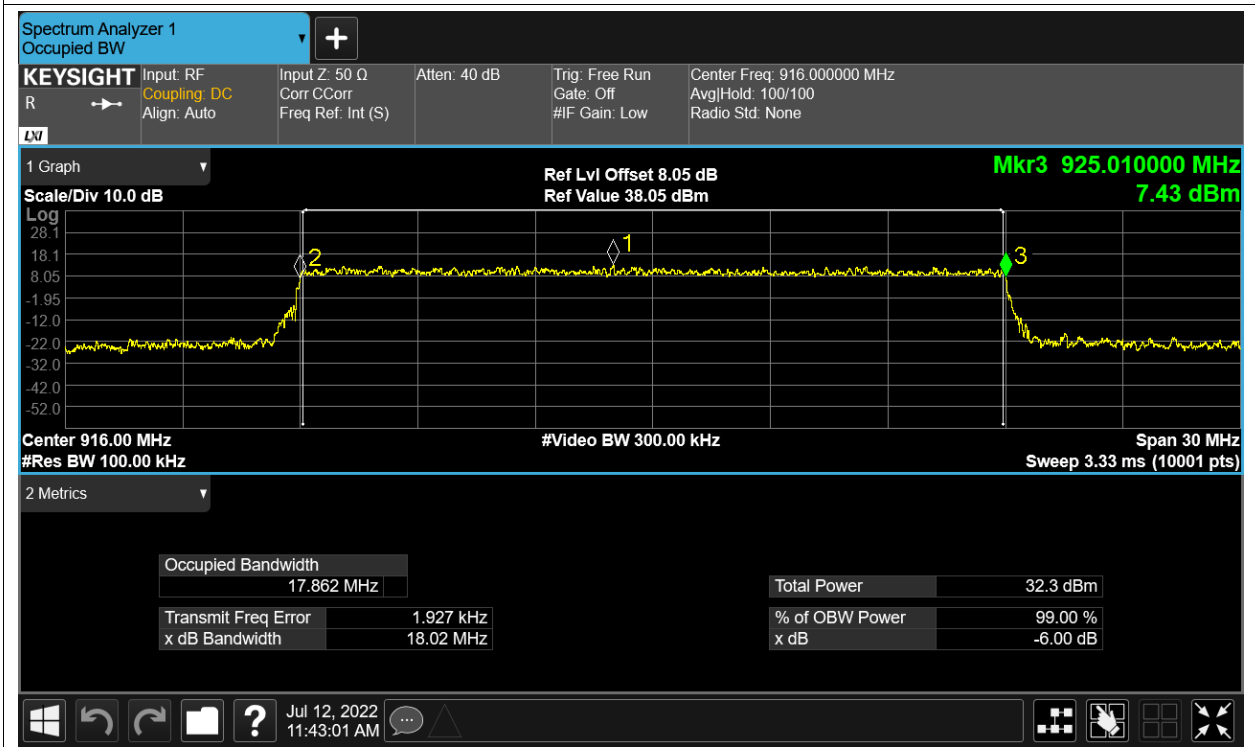
-6dB Bandwidth NVNT 900MHz-20M-QPSK 914MHz Ant1



-6dB Bandwidth NVNT 900MHz-20M-QPSK 915MHz Ant1



-6dB Bandwidth NVNT 900MHz-20M-QPSK 916MHz Ant1

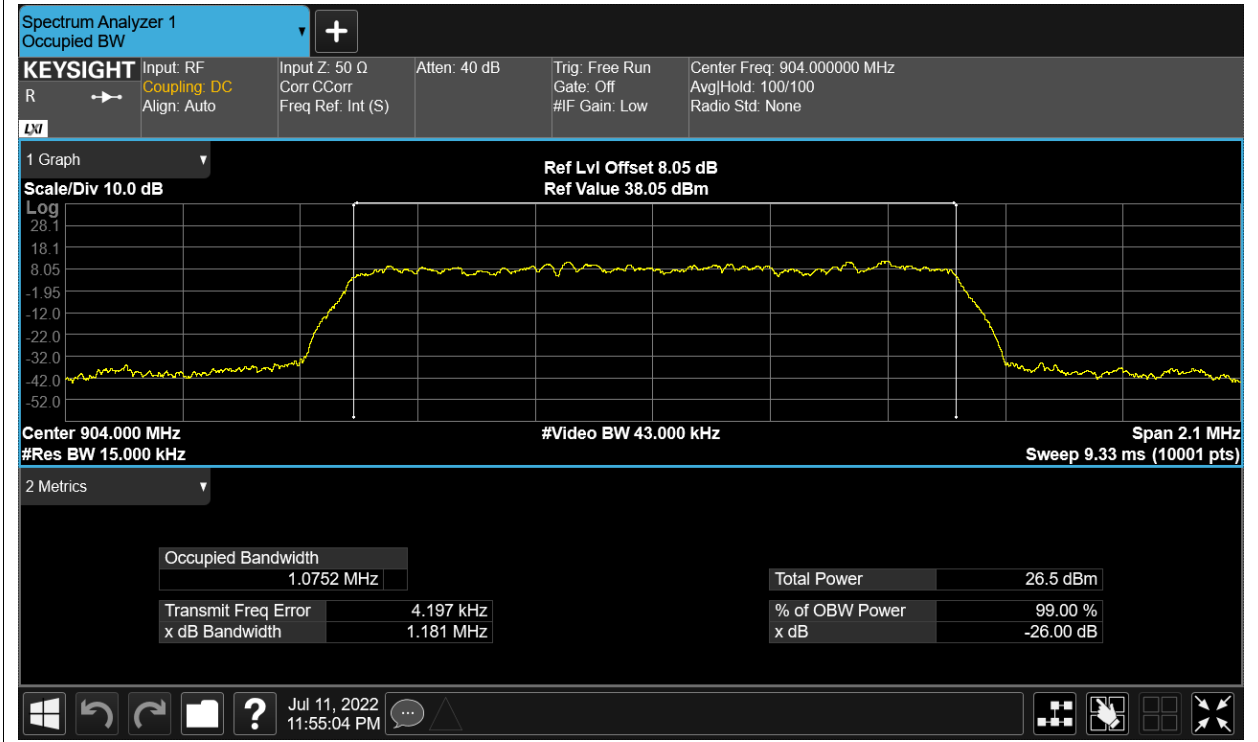


Occupied Channel Bandwidth

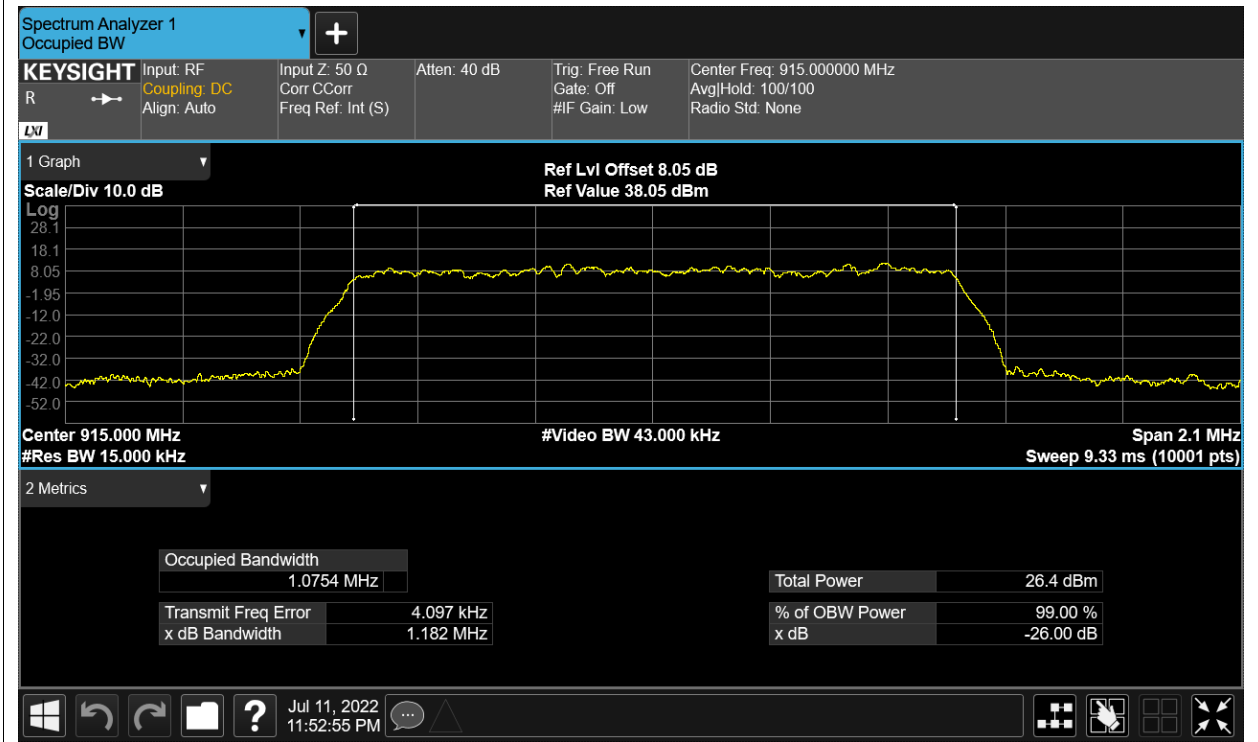
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	900MHz-1.4M-16QAM	904	Ant1	1.075166934
NVNT	900MHz-1.4M-16QAM	915	Ant1	1.075377243
NVNT	900MHz-1.4M-16QAM	926	Ant1	1.074594614
NVNT	900MHz-1.4M-QPSK	904	Ant1	1.075356858
NVNT	900MHz-1.4M-QPSK	915	Ant1	1.074845786
NVNT	900MHz-1.4M-QPSK	926	Ant1	1.075518628
NVNT	900MHz-10M-16QAM	909	Ant1	8.925196333
NVNT	900MHz-10M-16QAM	915	Ant1	8.940465402
NVNT	900MHz-10M-16QAM	921	Ant1	8.925760598
NVNT	900MHz-10M-QPSK	909	Ant1	8.948311767
NVNT	900MHz-10M-QPSK	915	Ant1	8.938724074
NVNT	900MHz-10M-QPSK	921	Ant1	8.92893115
NVNT	900MHz-20M-16QAM	914	Ant1	17.89909476
NVNT	900MHz-20M-16QAM	915	Ant1	17.87435284
NVNT	900MHz-20M-16QAM	916	Ant1	17.85806129
NVNT	900MHz-20M-QPSK	914	Ant1	17.85403728
NVNT	900MHz-20M-QPSK	915	Ant1	17.86210036
NVNT	900MHz-20M-QPSK	916	Ant1	17.8796604

Test Graphs

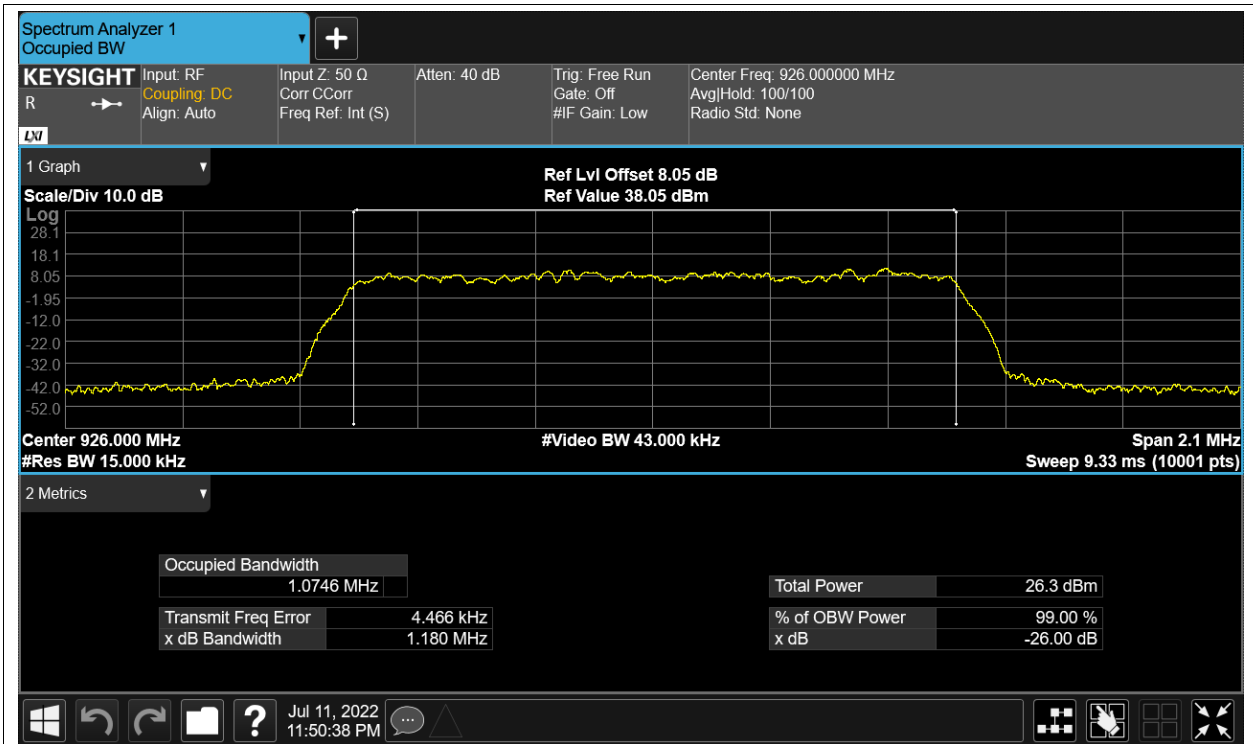
OBW NVNT 900MHz-1.4M-16QAM 904MHz Ant1



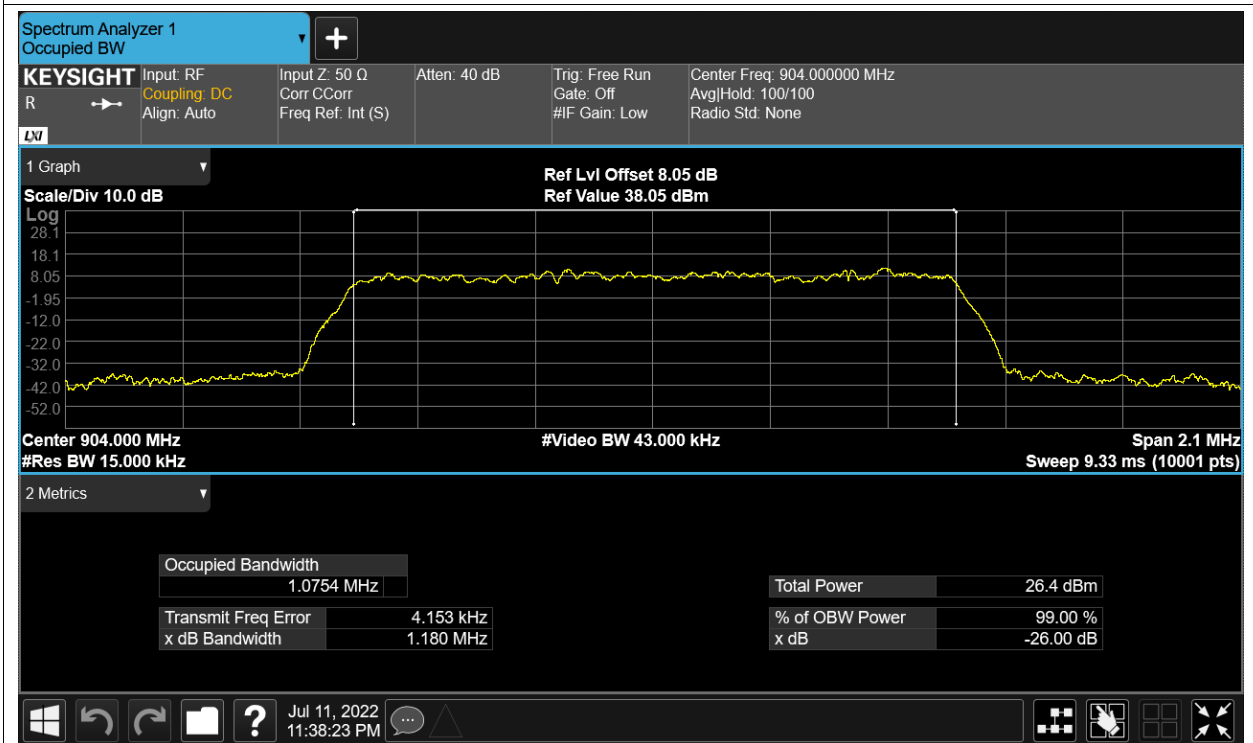
OBW NVNT 900MHz-1.4M-16QAM 915MHz Ant1



OBW NVNT 900MHz-1.4M-16QAM 926MHz Ant1



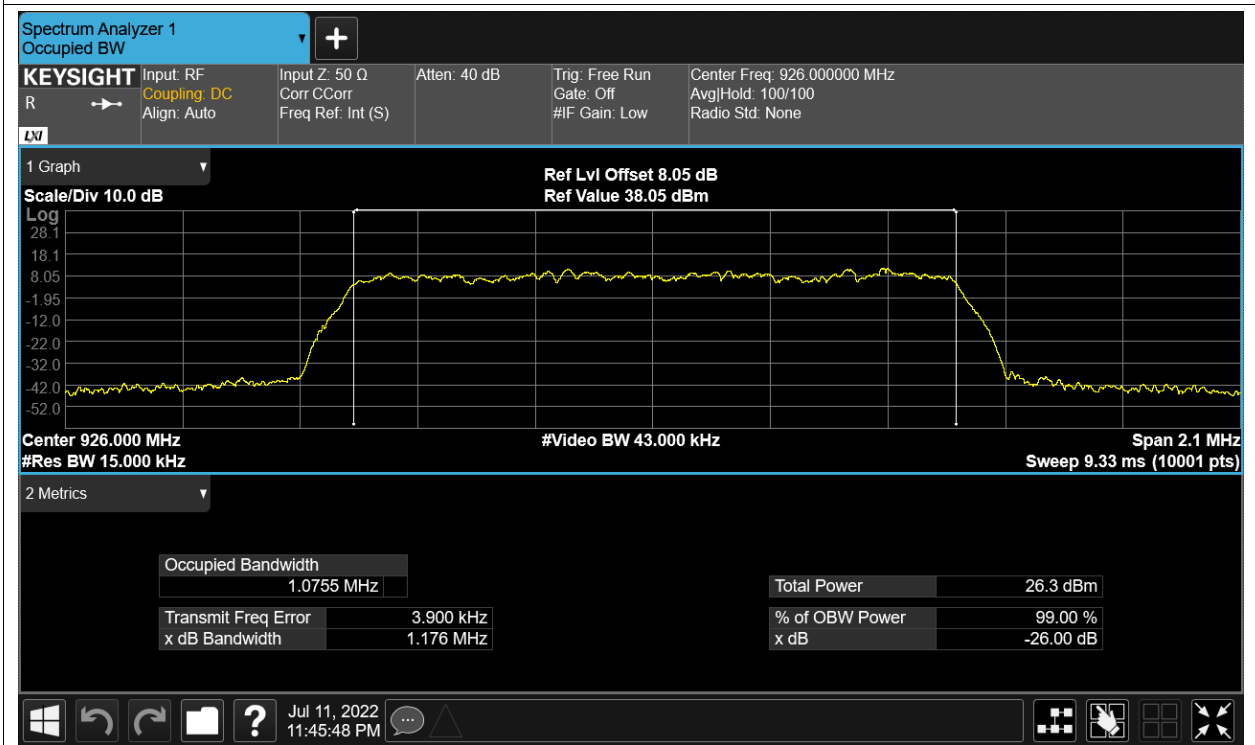
OBW NVNT 900MHz-1.4M-QPSK 904MHz Ant1



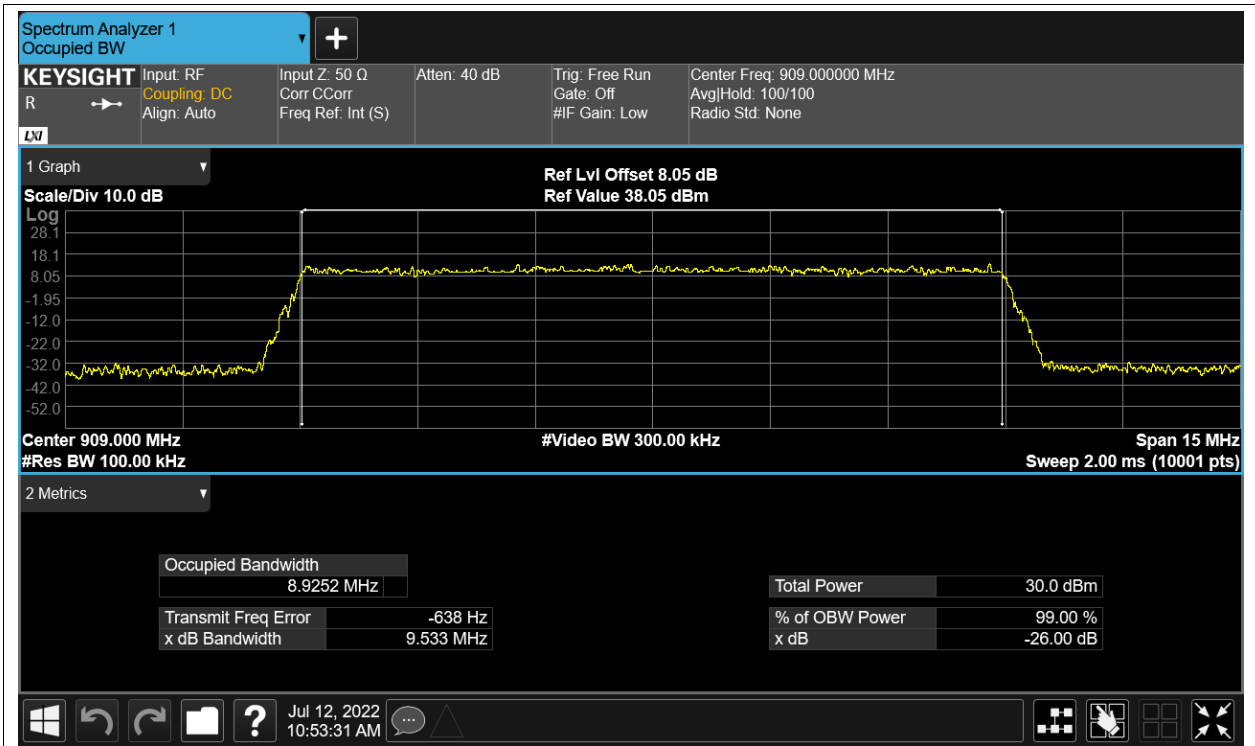
OBW NVNT 900MHz-1.4M-QPSK 915MHz Ant1



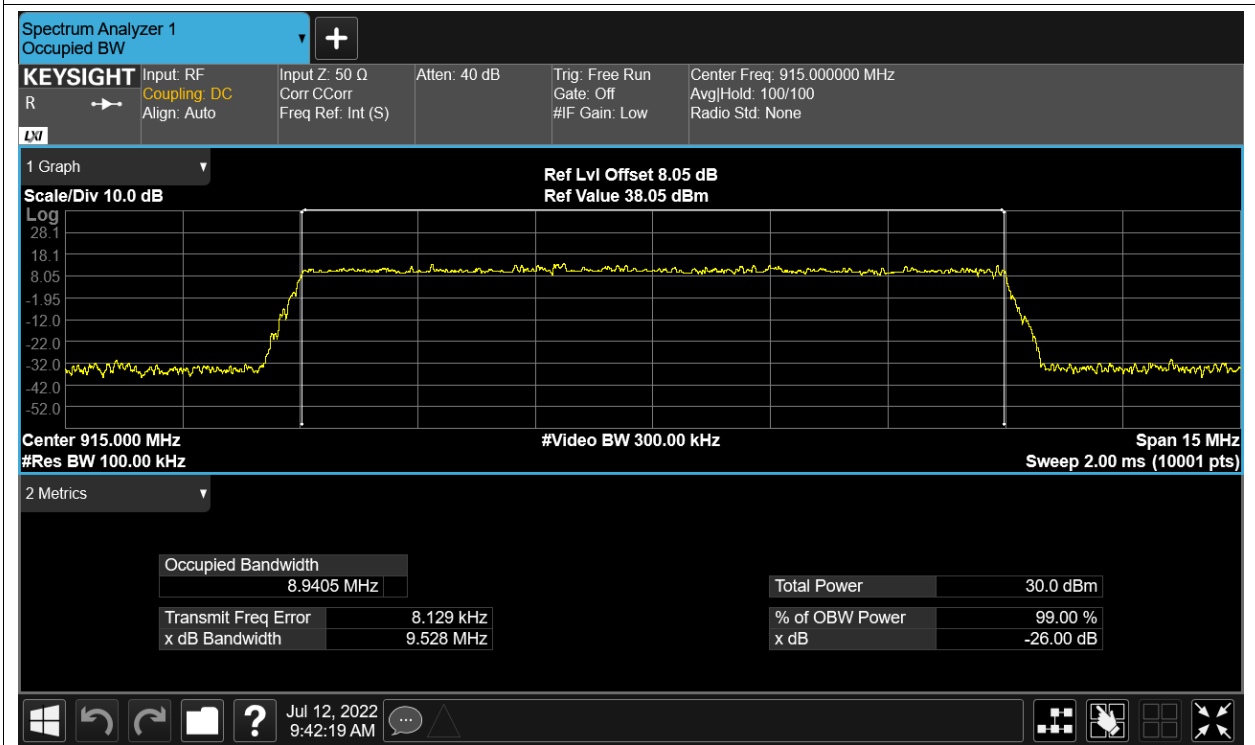
OBW NVNT 900MHz-1.4M-QPSK 926MHz Ant1



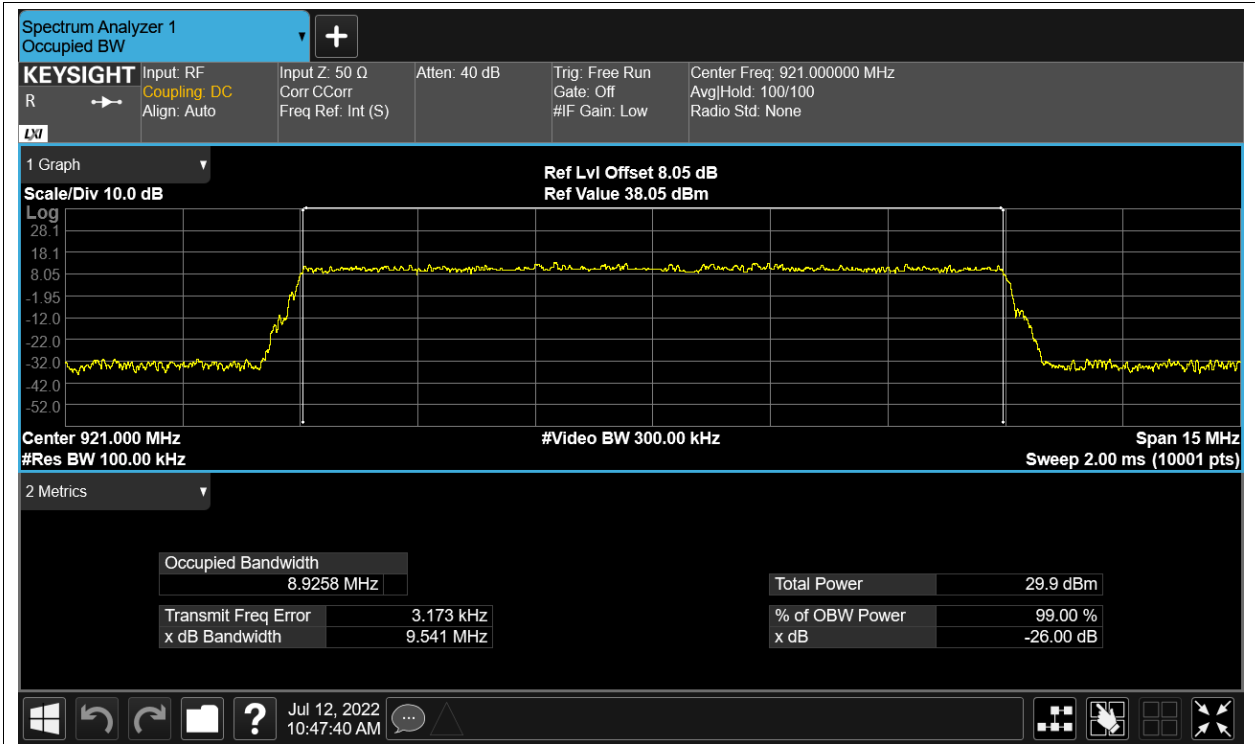
OBW NVNT 900MHz-10M-16QAM 909MHz Ant1



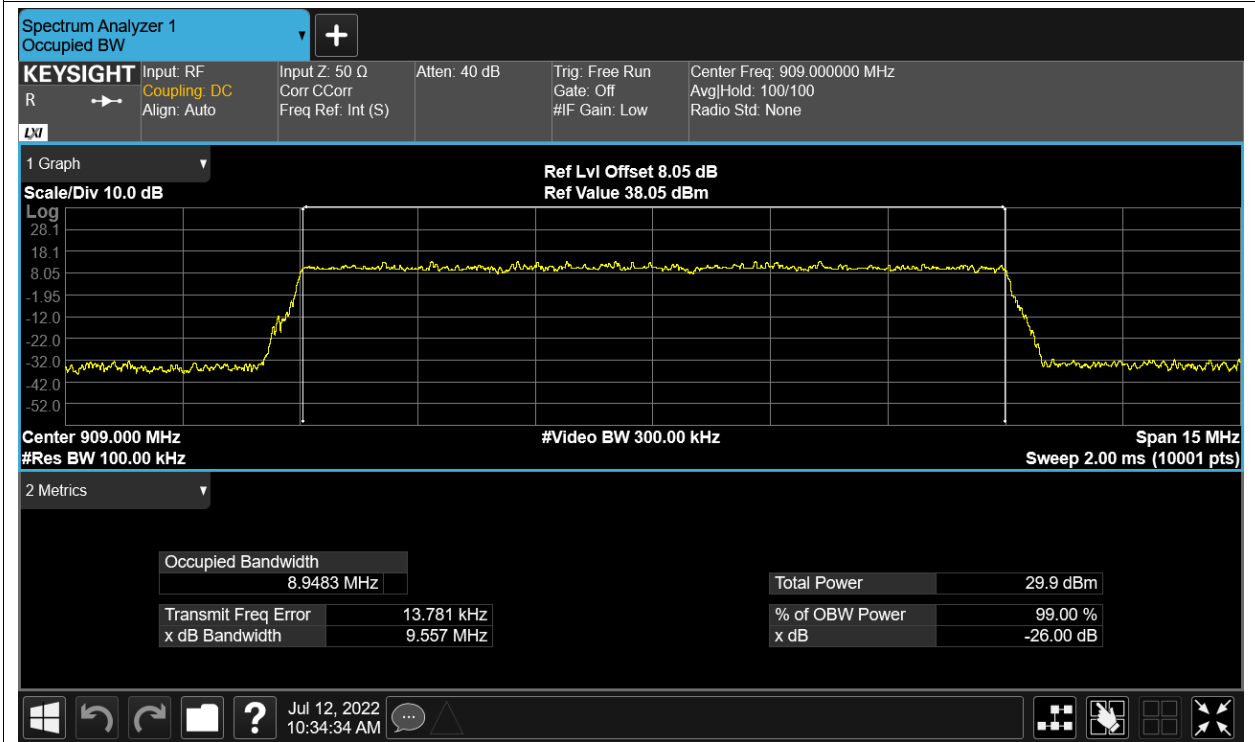
OBW NVNT 900MHz-10M-16QAM 915MHz Ant1



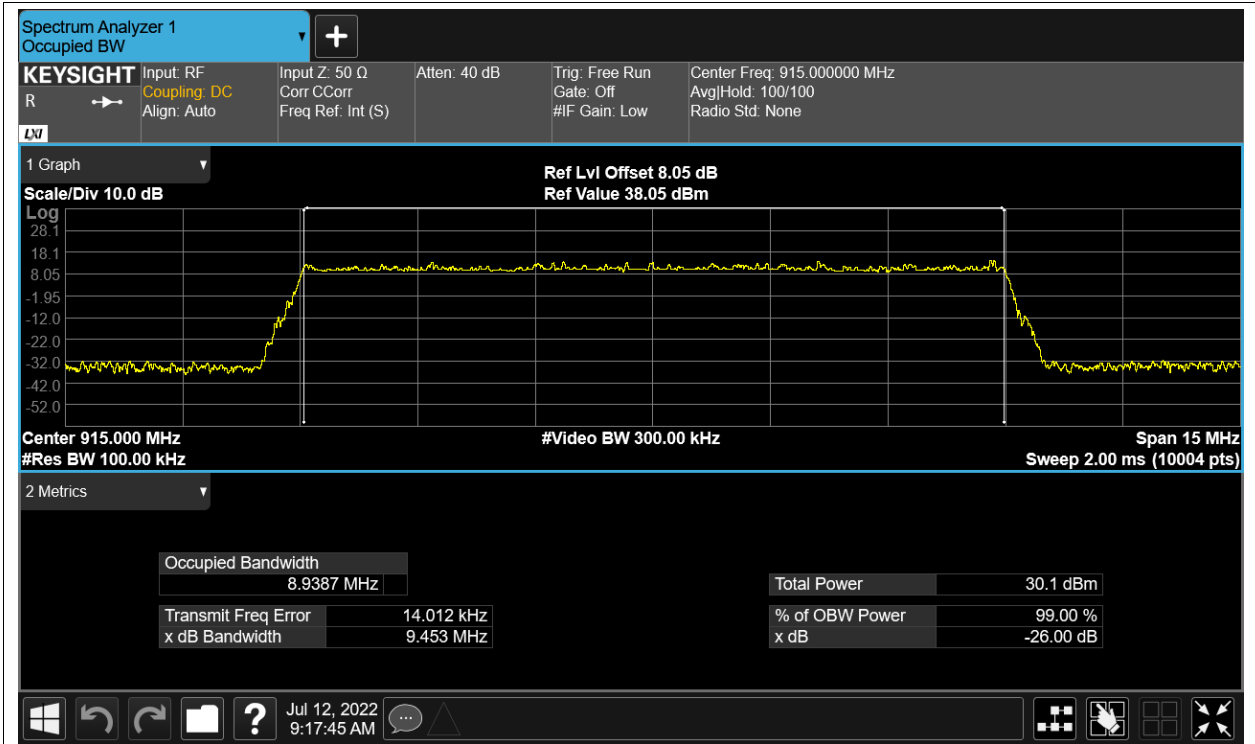
OBW NVNT 900MHz-10M-16QAM 921MHz Ant1



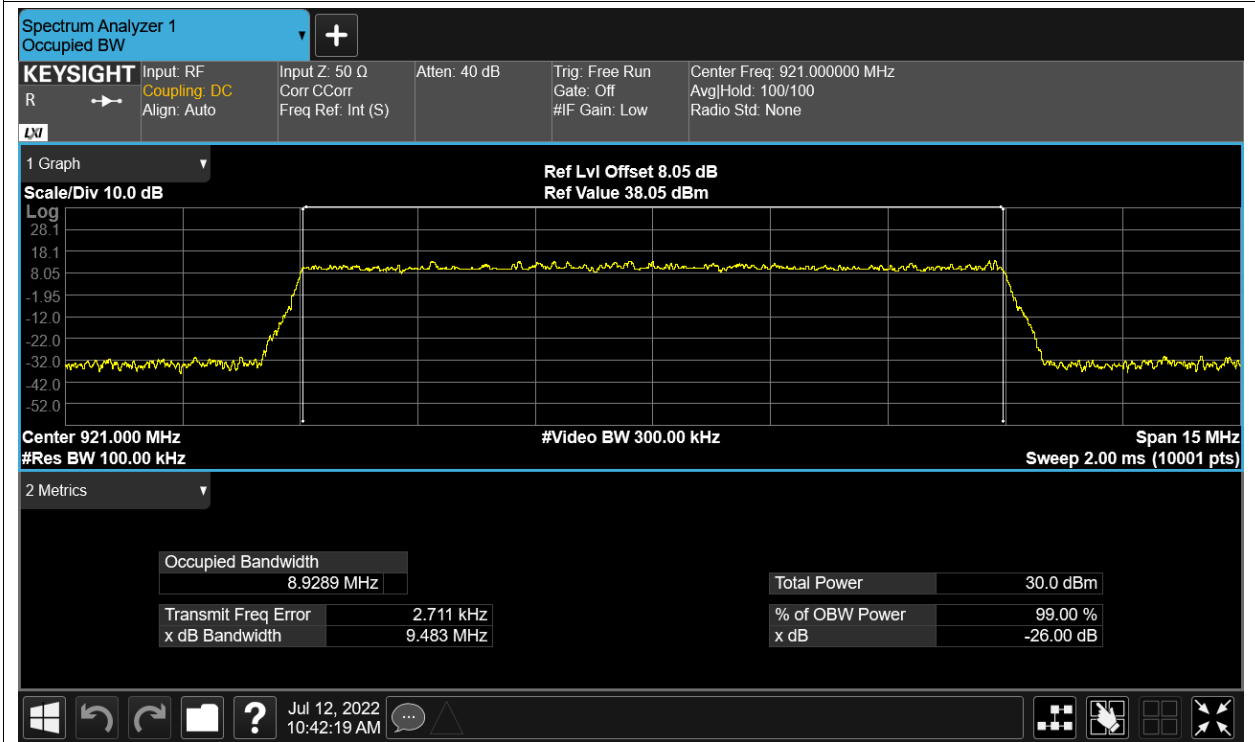
OBW NVNT 900MHz-10M-QPSK 909MHz Ant1



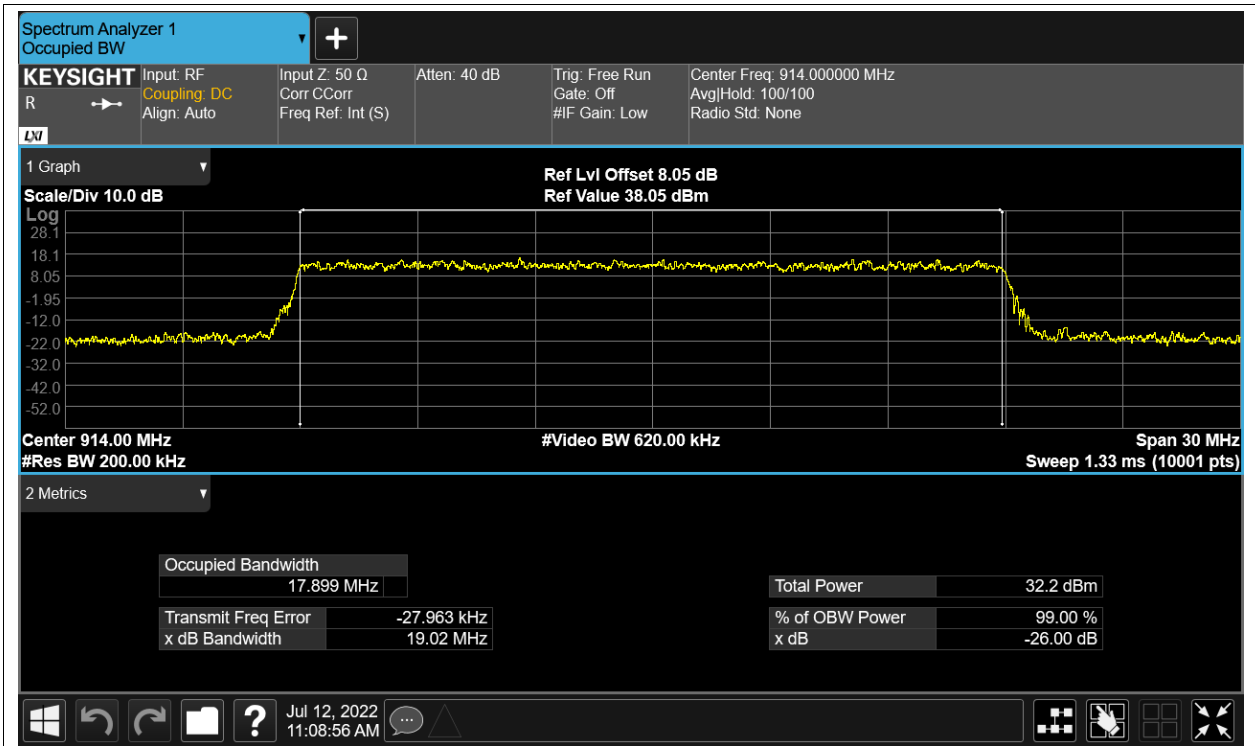
OBW NVNT 900MHz-10M-QPSK 915MHz Ant1



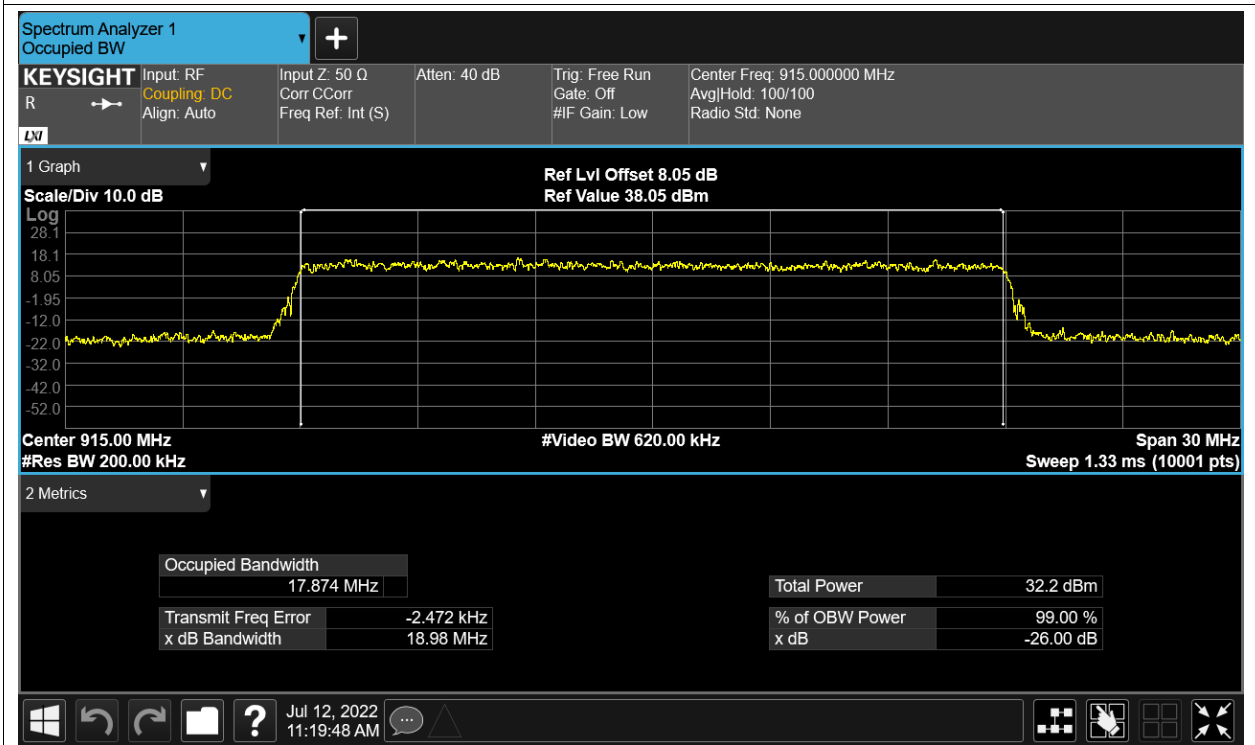
OBW NVNT 900MHz-10M-QPSK 921MHz Ant1



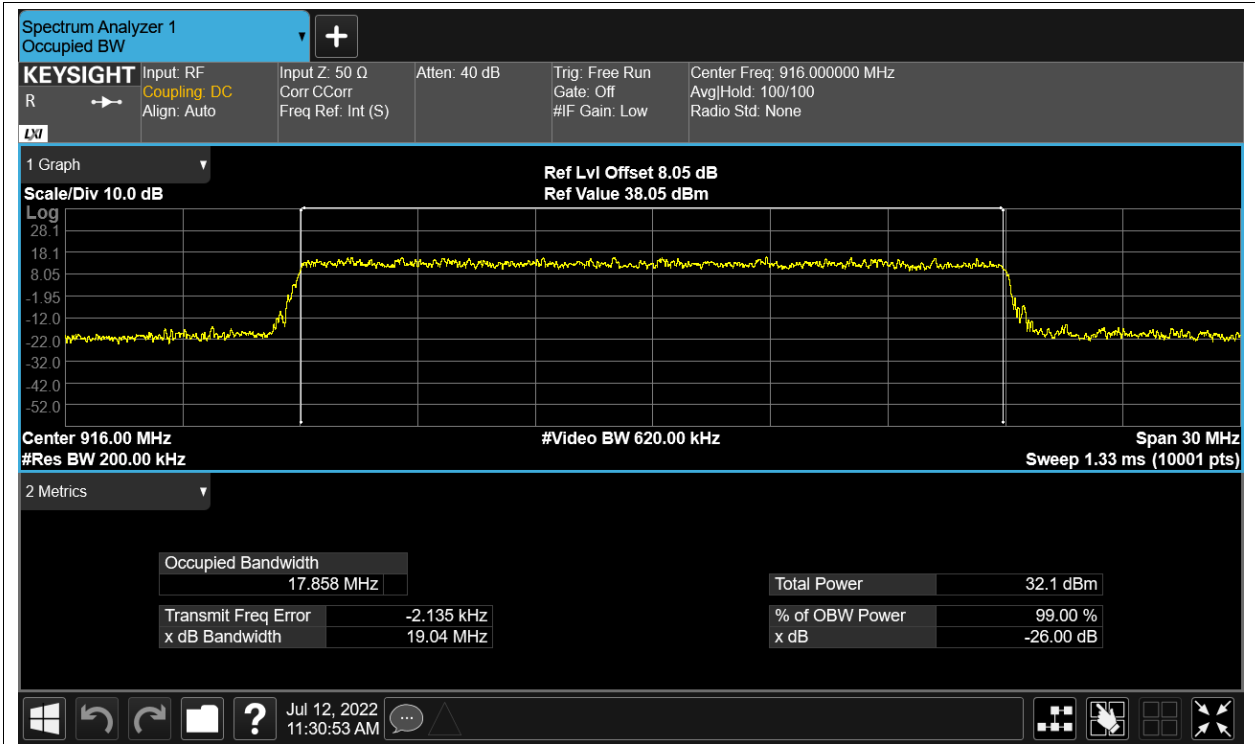
OBW NVNT 900MHz-20M-16QAM 914MHz Ant1



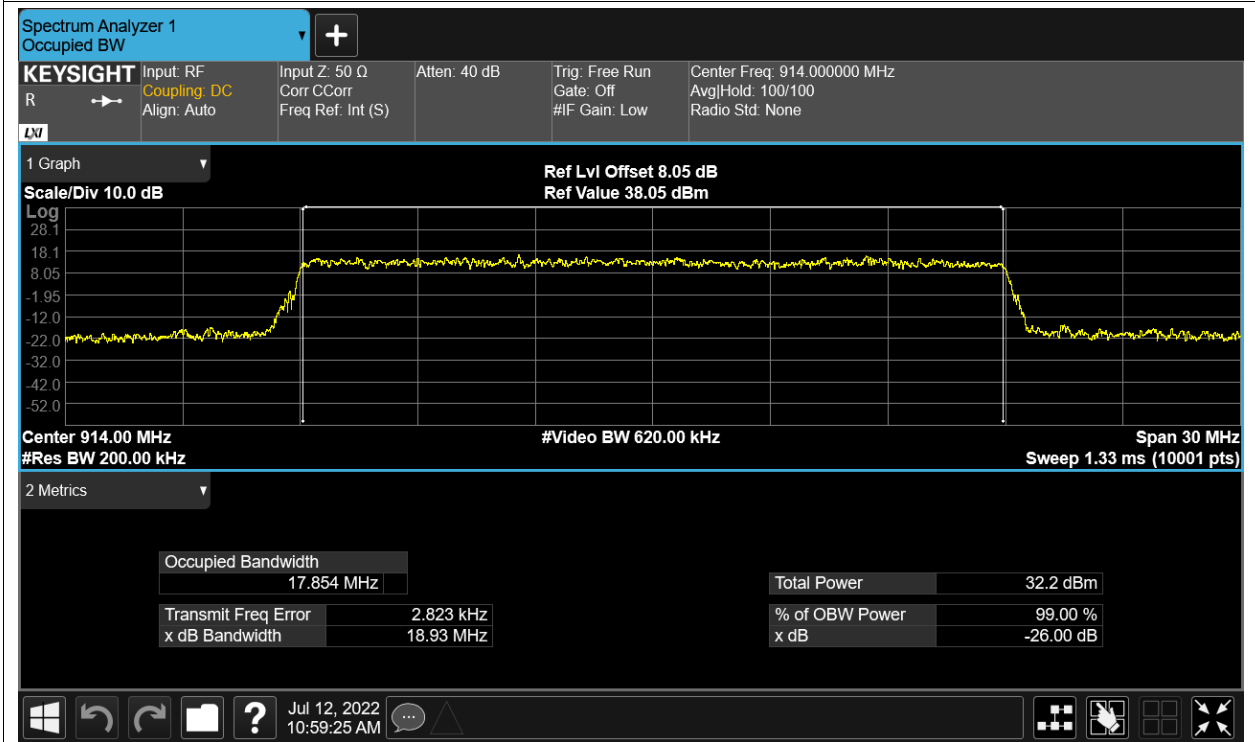
OBW NVNT 900MHz-20M-16QAM 915MHz Ant1



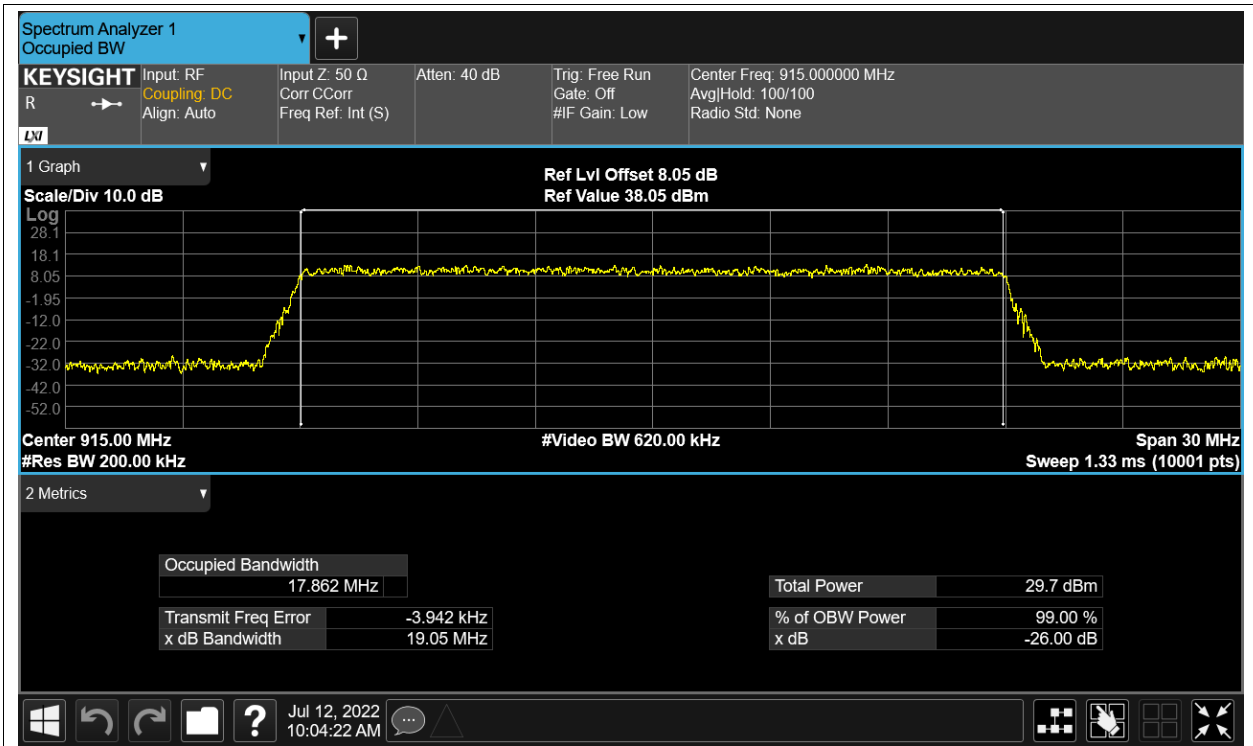
OBW NVNT 900MHz-20M-16QAM 916MHz Ant1



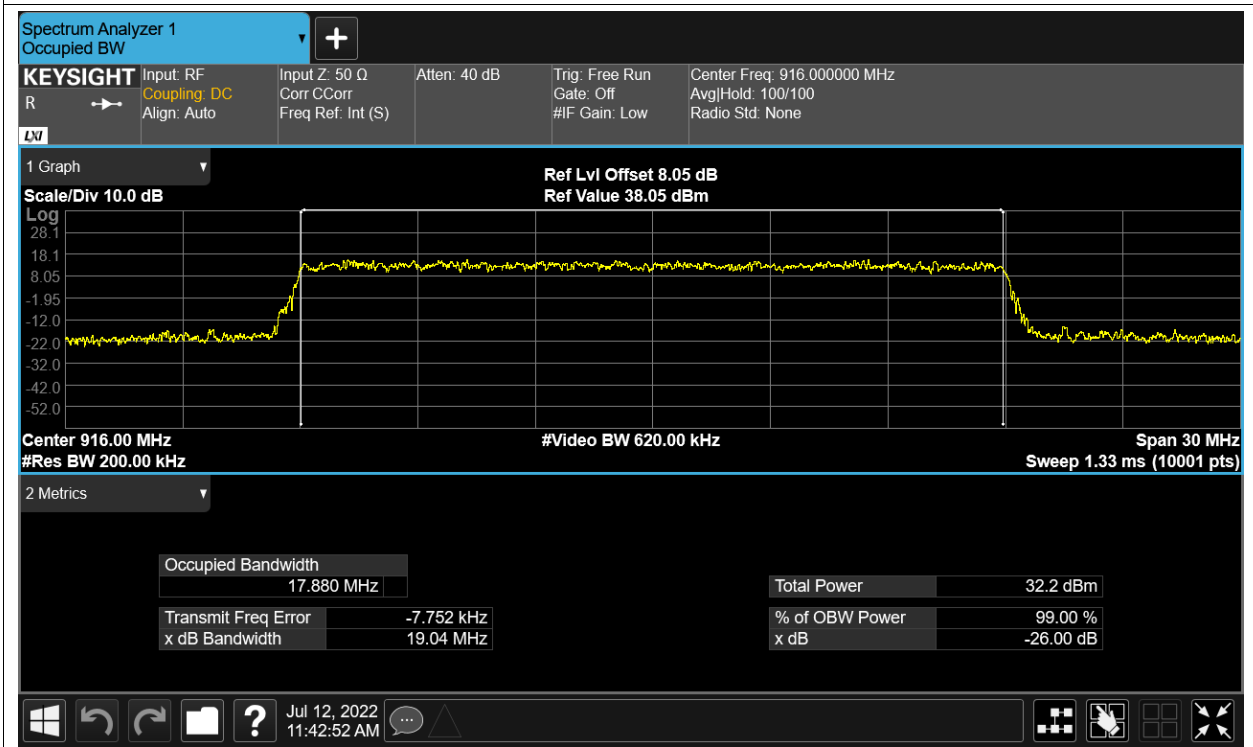
OBW NVNT 900MHz-20M-QPSK 914MHz Ant1



OBW NVNT 900MHz-20M-QPSK 915MHz Ant1



OBW NVNT 900MHz-20M-QPSK 916MHz Ant1

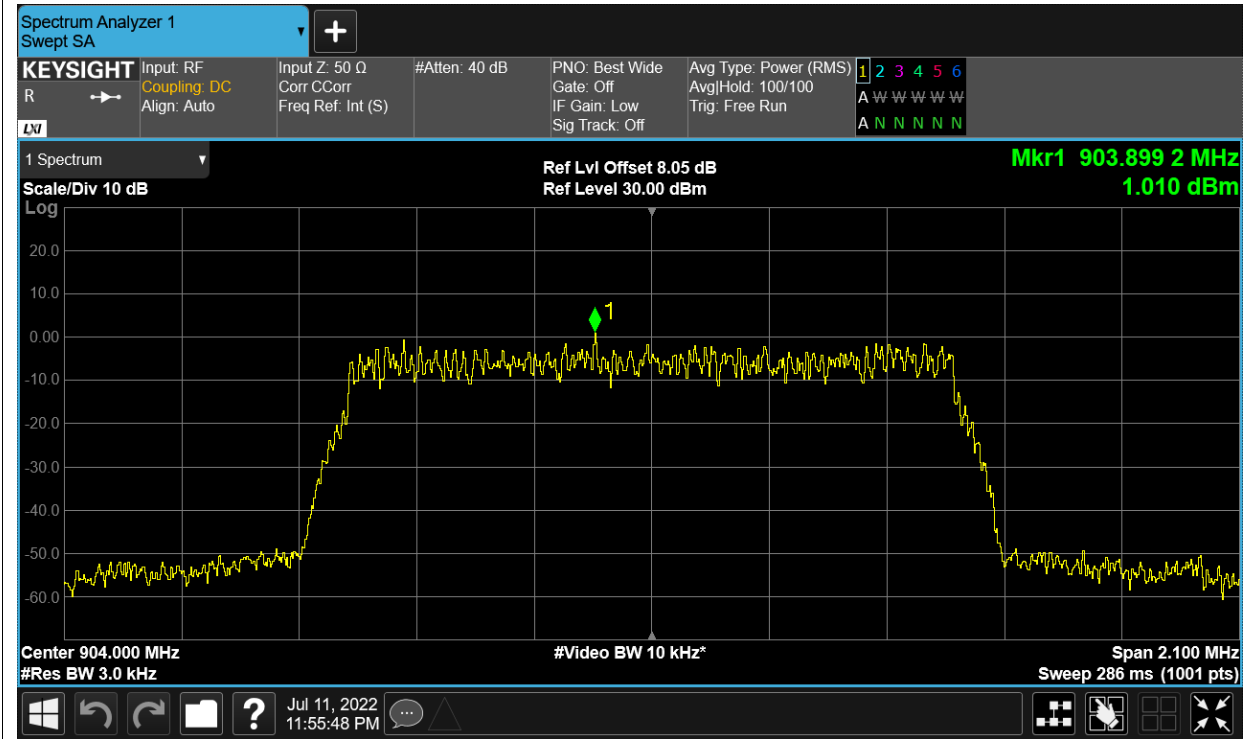


Maximum Power Spectral Density Level

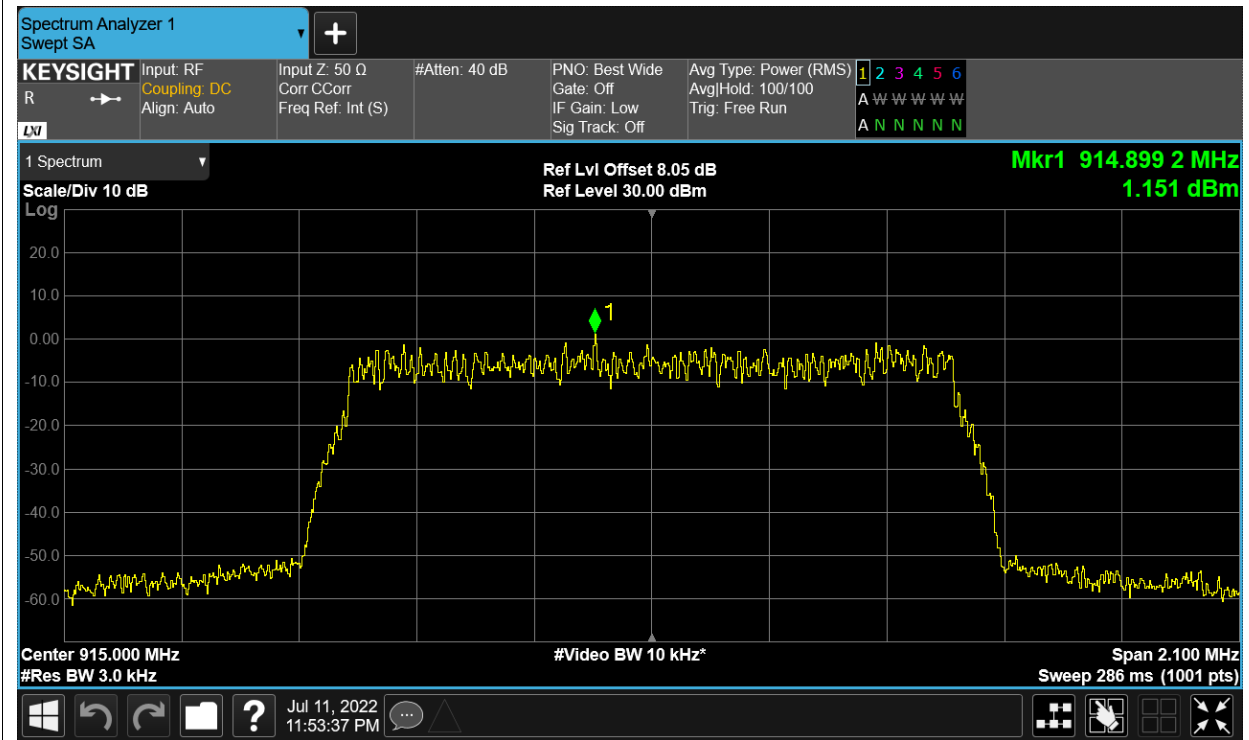
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	900MHz-1.4M-16QAM	904	Ant1	1.01	8	Pass
NVNT	900MHz-1.4M-16QAM	915	Ant1	1.151	8	Pass
NVNT	900MHz-1.4M-16QAM	926	Ant1	0.768	8	Pass
NVNT	900MHz-1.4M-QPSK	904	Ant1	1.218	8	Pass
NVNT	900MHz-1.4M-QPSK	915	Ant1	1.403	8	Pass
NVNT	900MHz-1.4M-QPSK	926	Ant1	0.901	8	Pass
NVNT	900MHz-10M-16QAM	909	Ant1	-9.396	8	Pass
NVNT	900MHz-10M-16QAM	915	Ant1	-9.344	8	Pass
NVNT	900MHz-10M-16QAM	921	Ant1	-9.526	8	Pass
NVNT	900MHz-10M-QPSK	909	Ant1	-9.453	8	Pass
NVNT	900MHz-10M-QPSK	915	Ant1	-9.388	8	Pass
NVNT	900MHz-10M-QPSK	921	Ant1	-9.515	8	Pass
NVNT	900MHz-20M-16QAM	914	Ant1	-9.807	8	Pass
NVNT	900MHz-20M-16QAM	915	Ant1	-9.784	8	Pass
NVNT	900MHz-20M-16QAM	916	Ant1	-9.762	8	Pass
NVNT	900MHz-20M-QPSK	914	Ant1	-9.776	8	Pass
NVNT	900MHz-20M-QPSK	915	Ant1	-12.112	8	Pass
NVNT	900MHz-20M-QPSK	916	Ant1	-9.74	8	Pass

Test Graphs

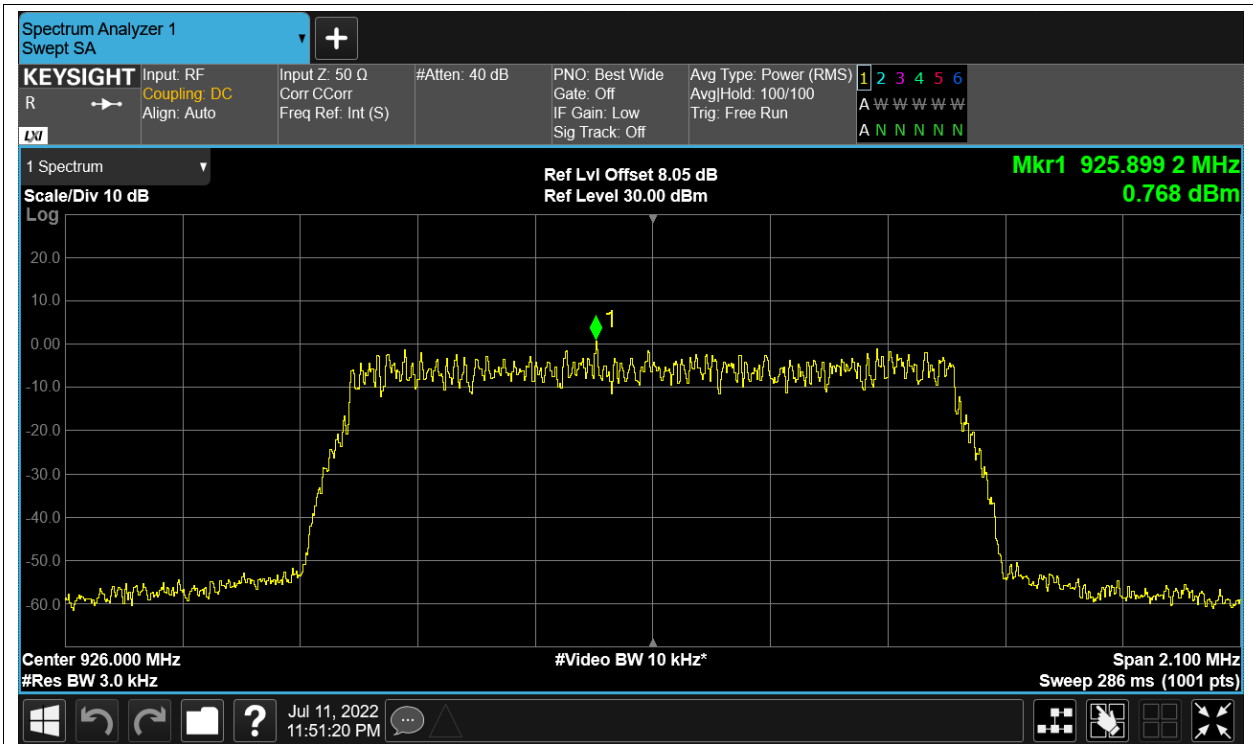
PSD NVNT 900MHz-1.4M-16QAM 904MHz Ant1



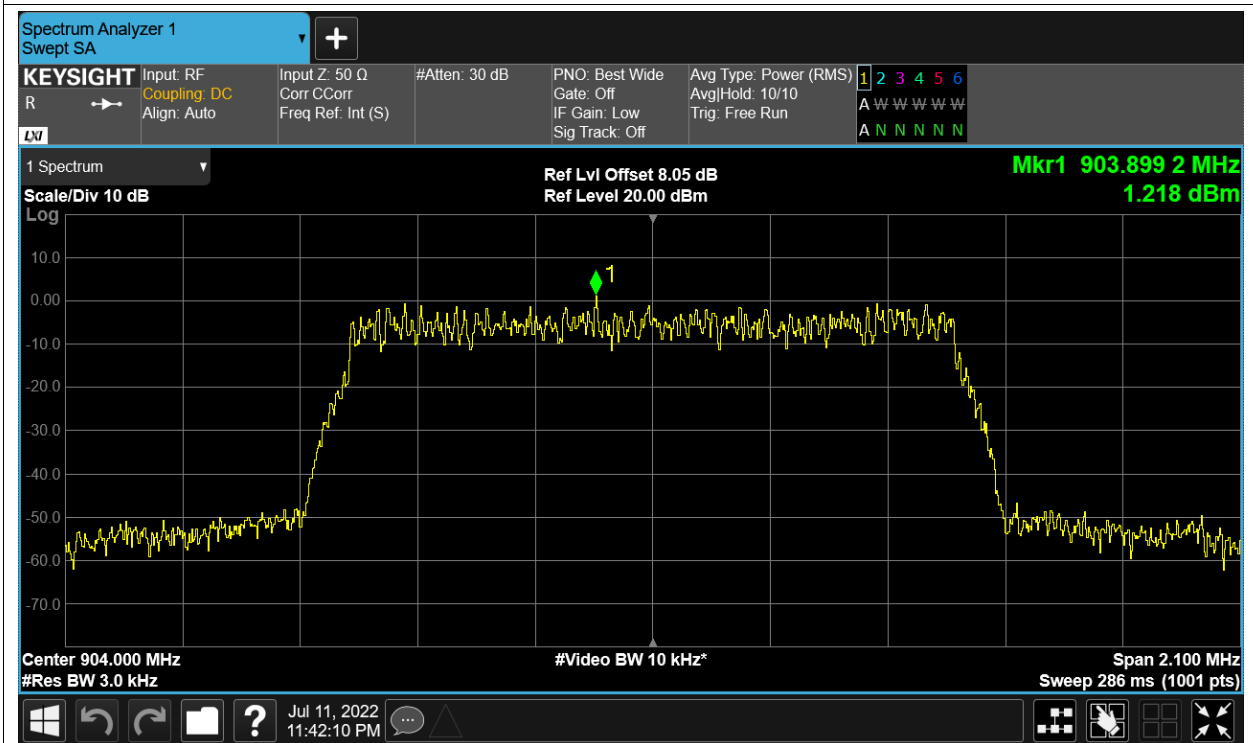
PSD NVNT 900MHz-1.4M-16QAM 915MHz Ant1



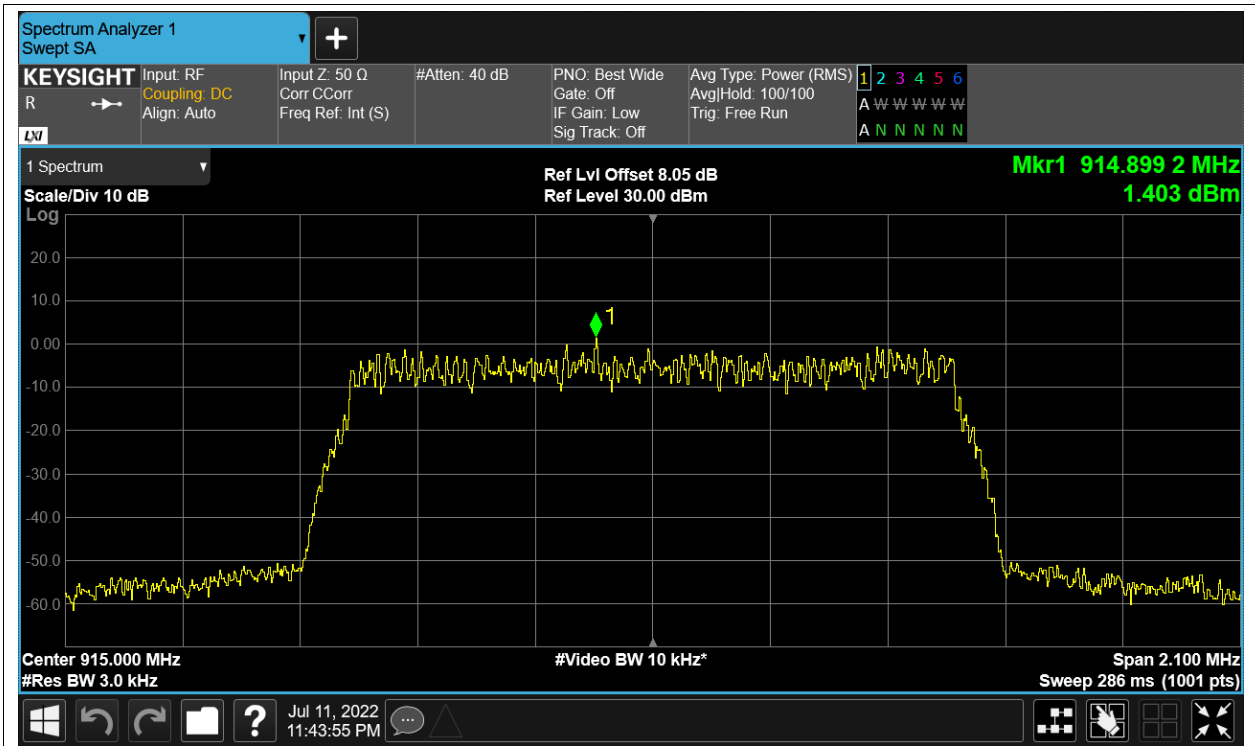
PSD NVNT 900MHz-1.4M-16QAM 926MHz Ant1



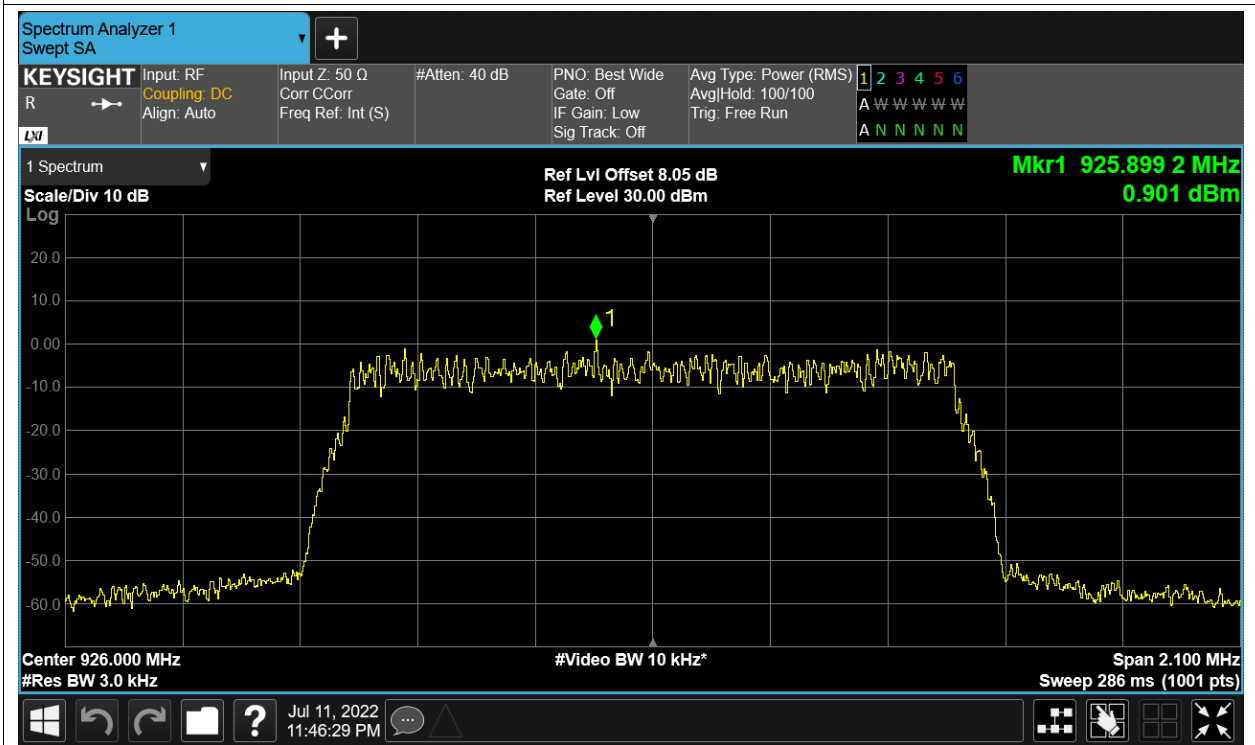
PSD NVNT 900MHz-1.4M-QPSK 904MHz Ant1



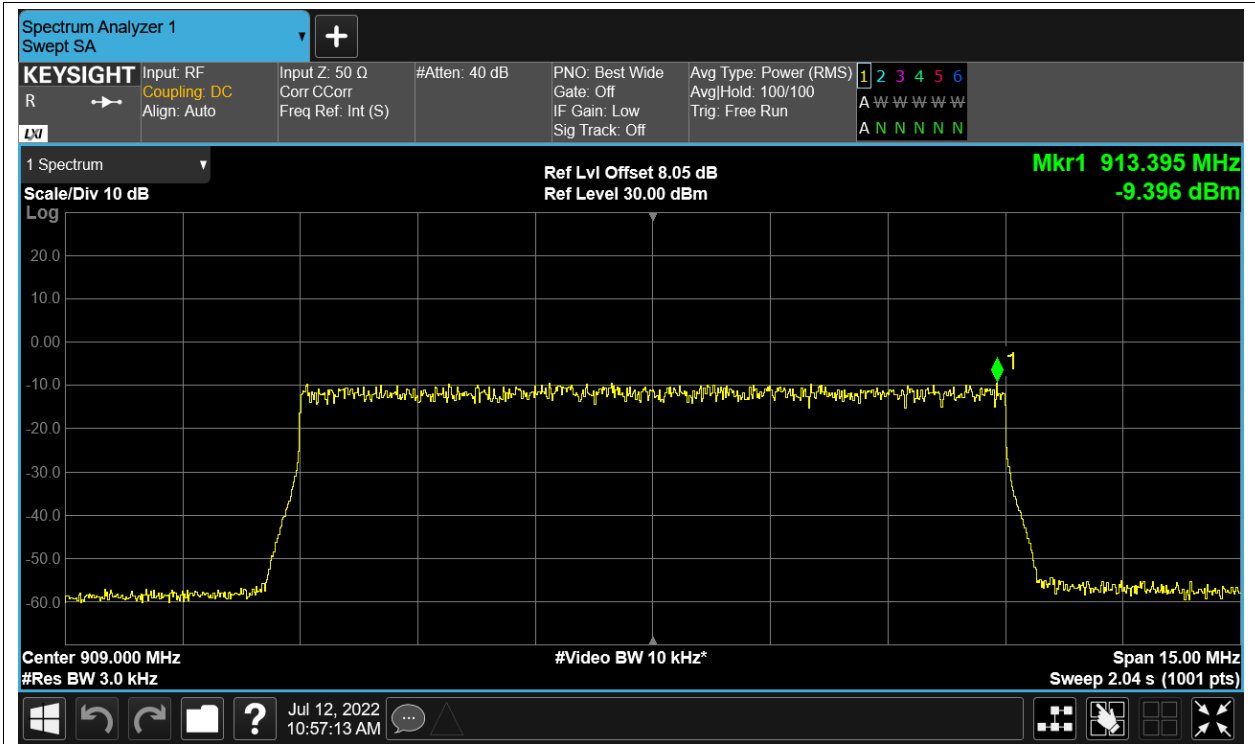
PSD NVNT 900MHz-1.4M-QPSK 915MHz Ant1



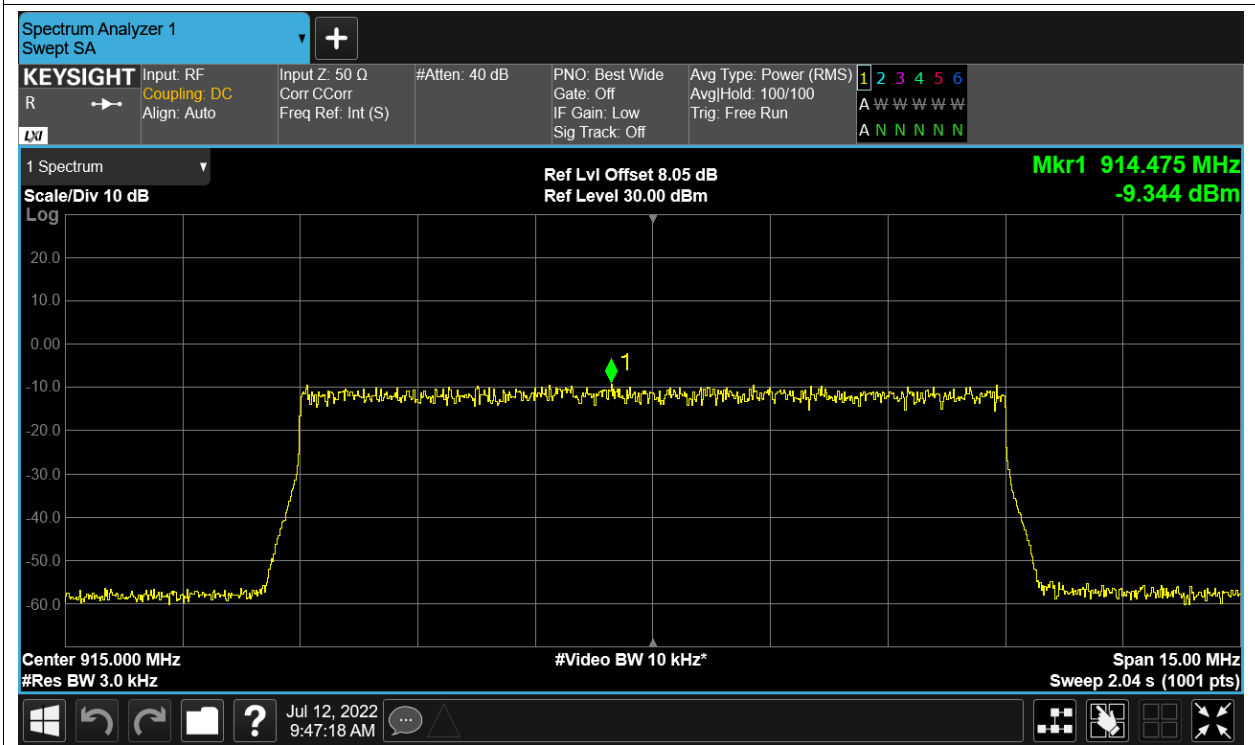
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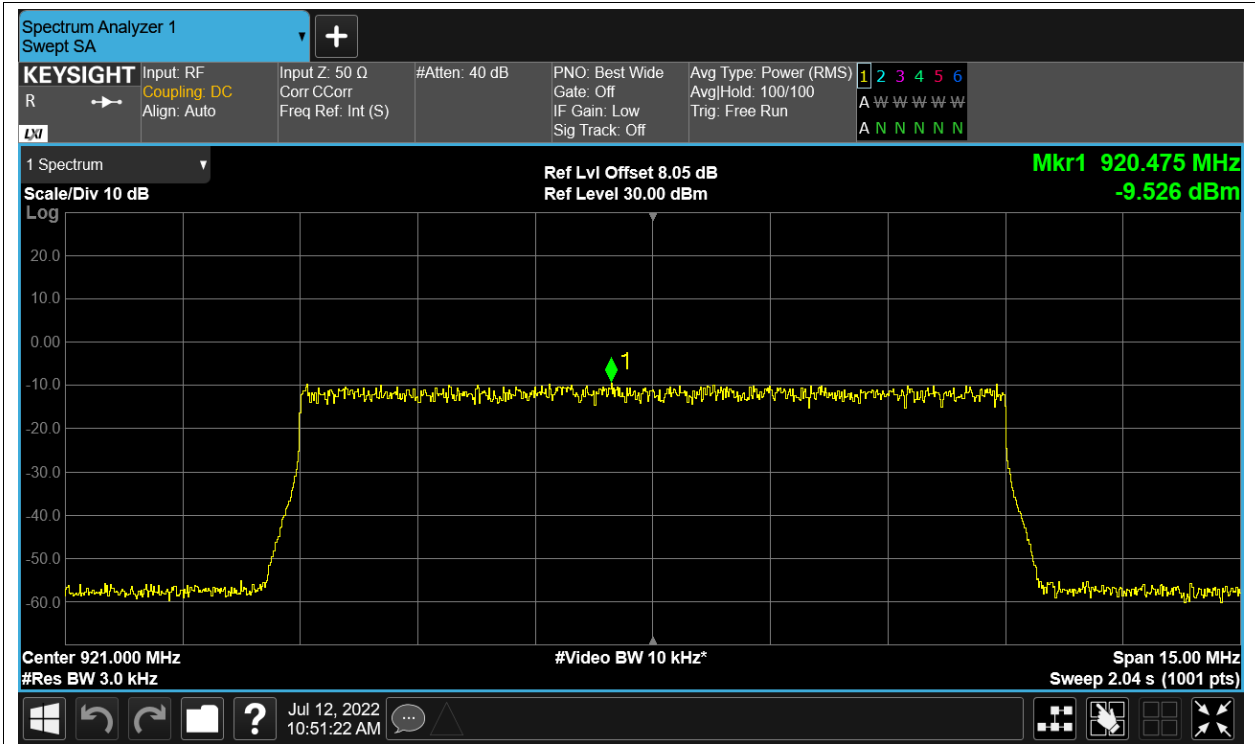
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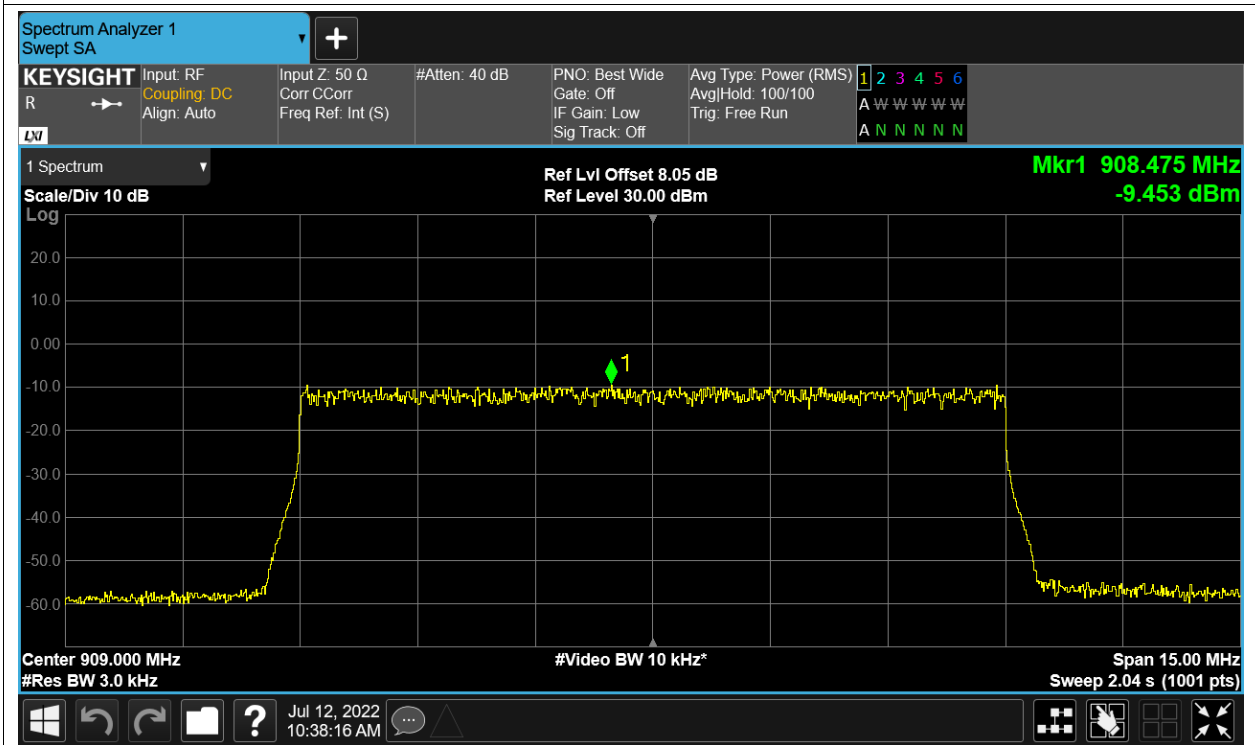
PSD NVNT 900MHz-10M-16QAM 915MHz Ant1



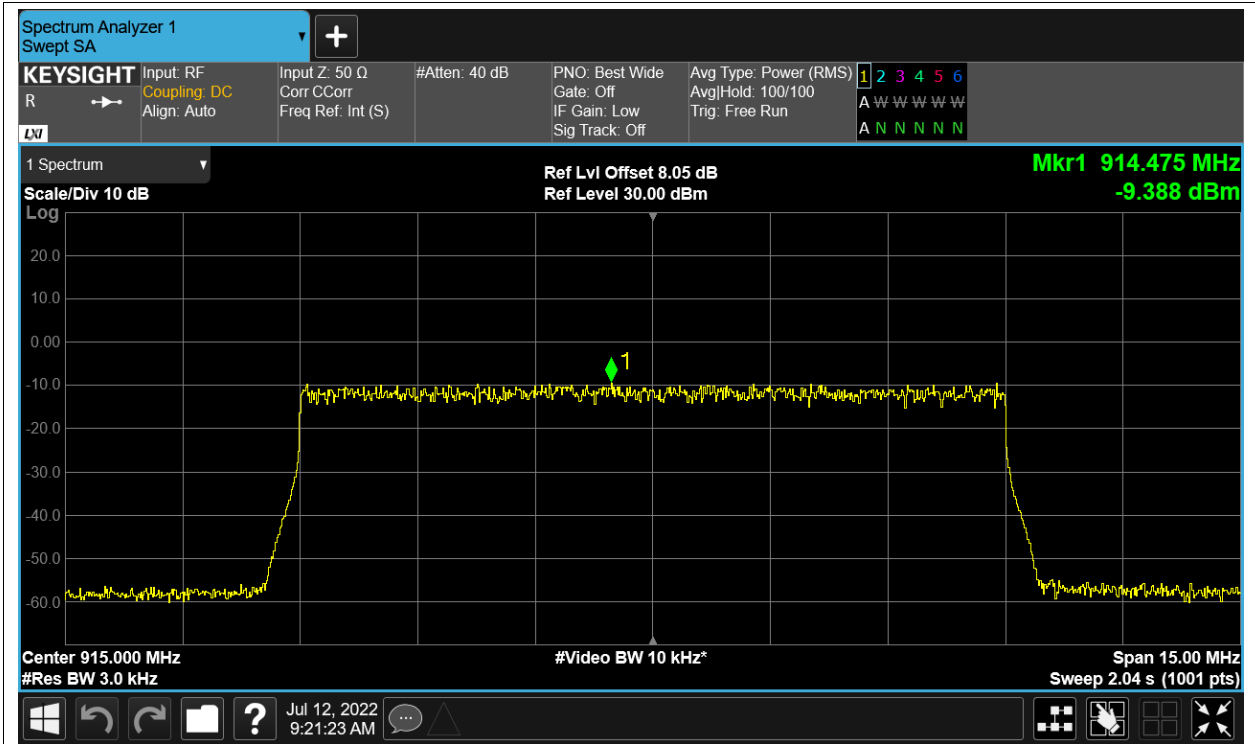
PSD NVNT 900MHz-10M-16QAM 921MHz Ant1



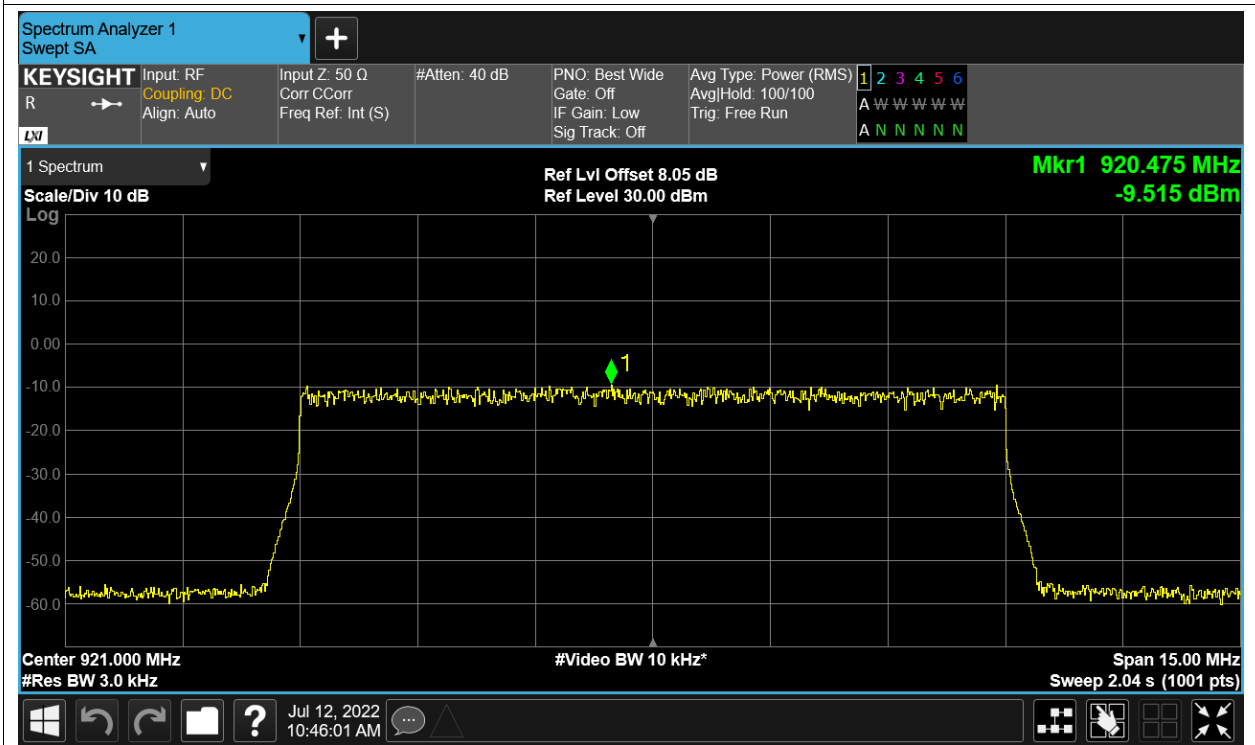
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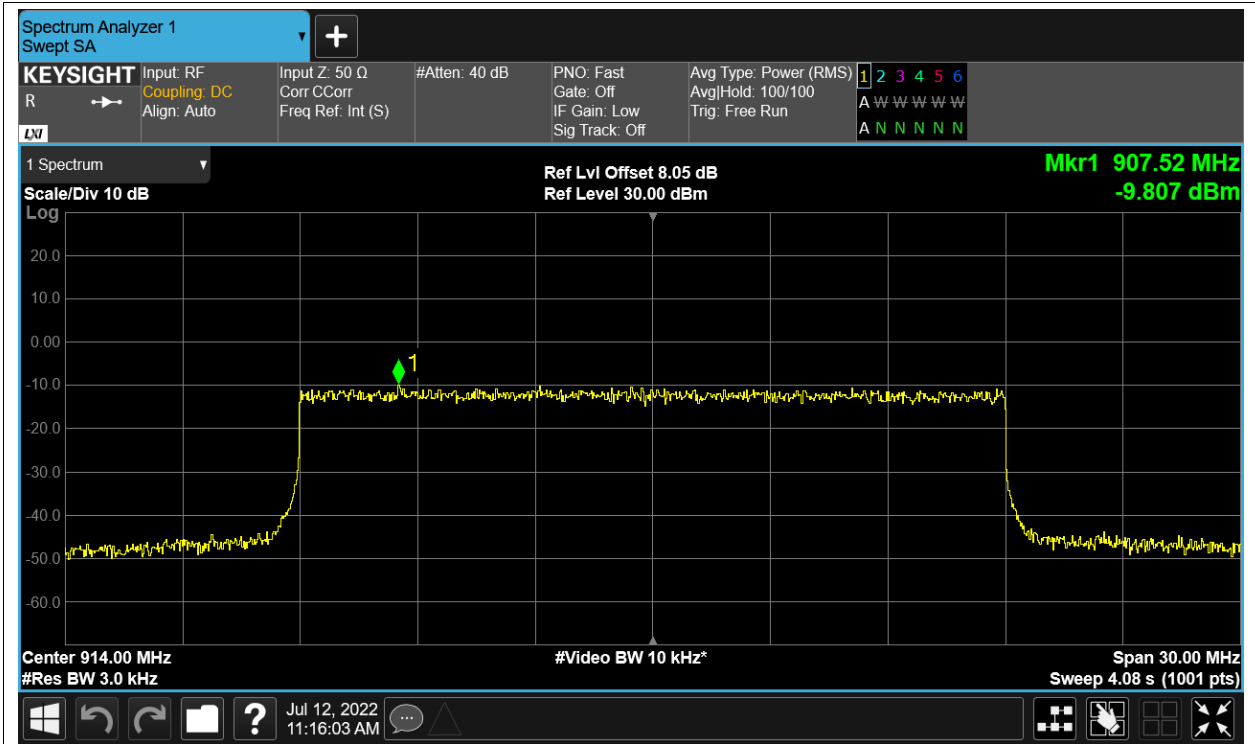
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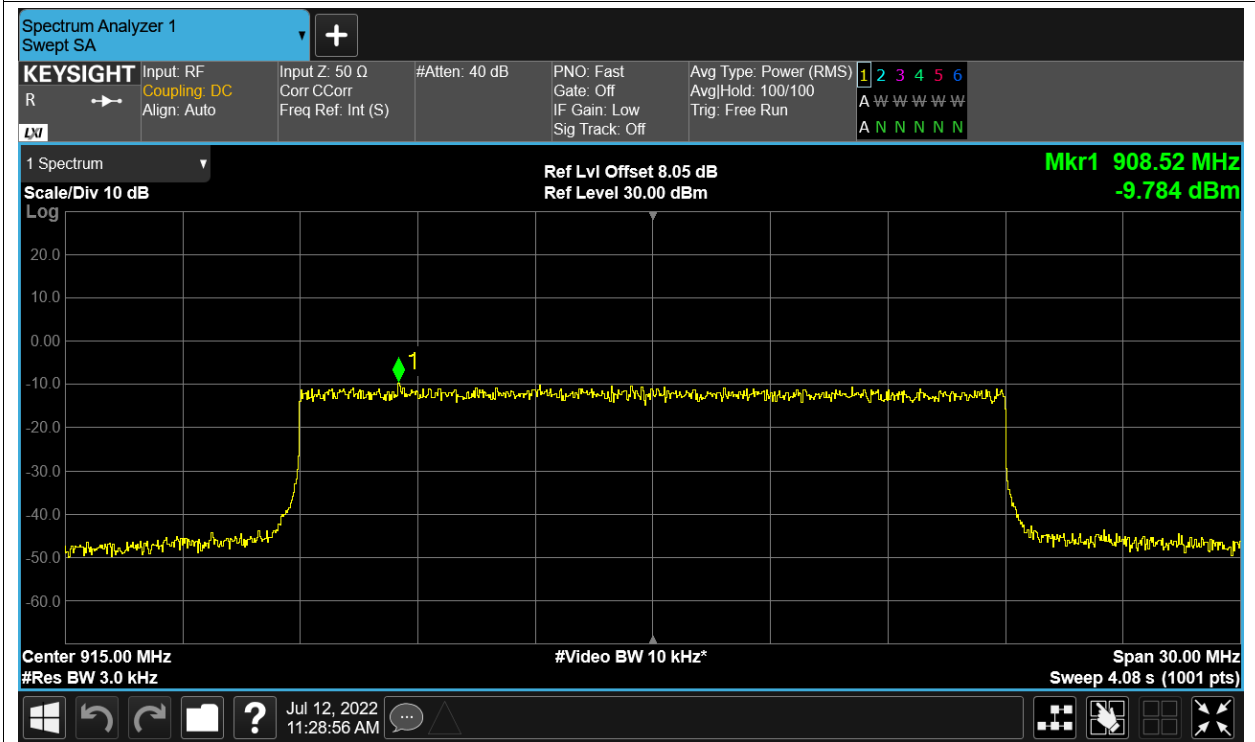
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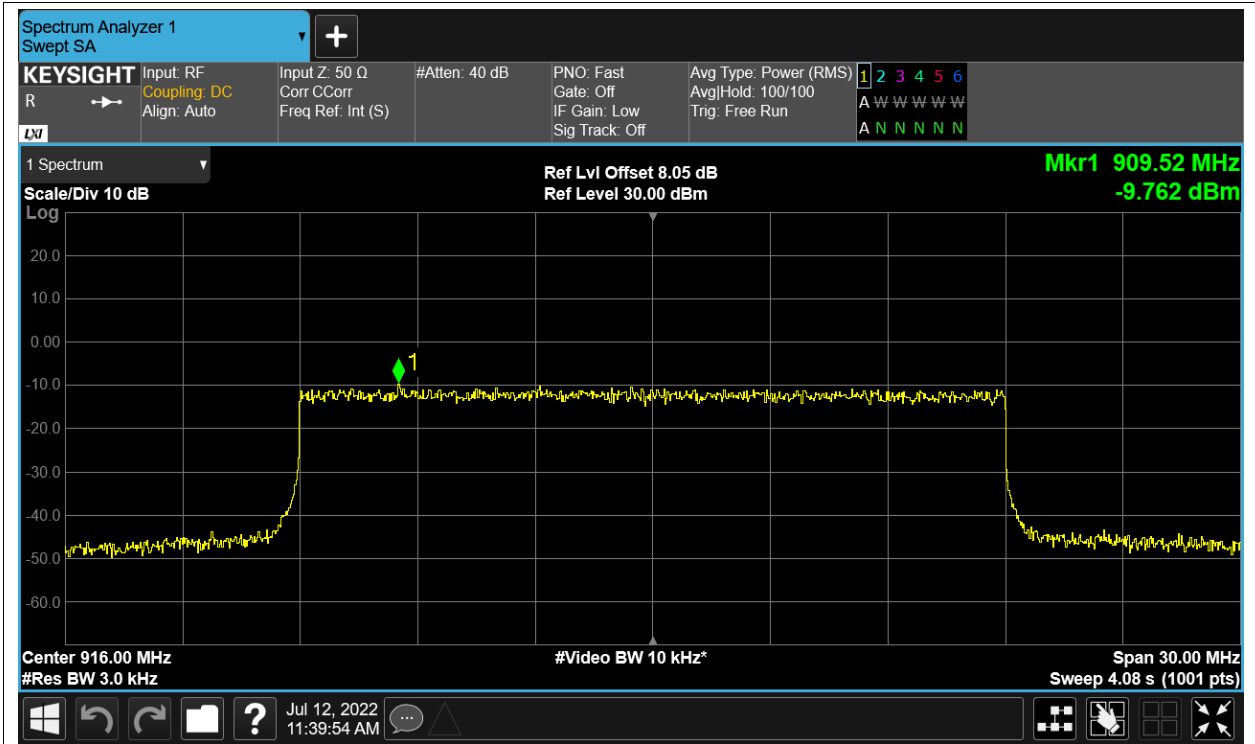
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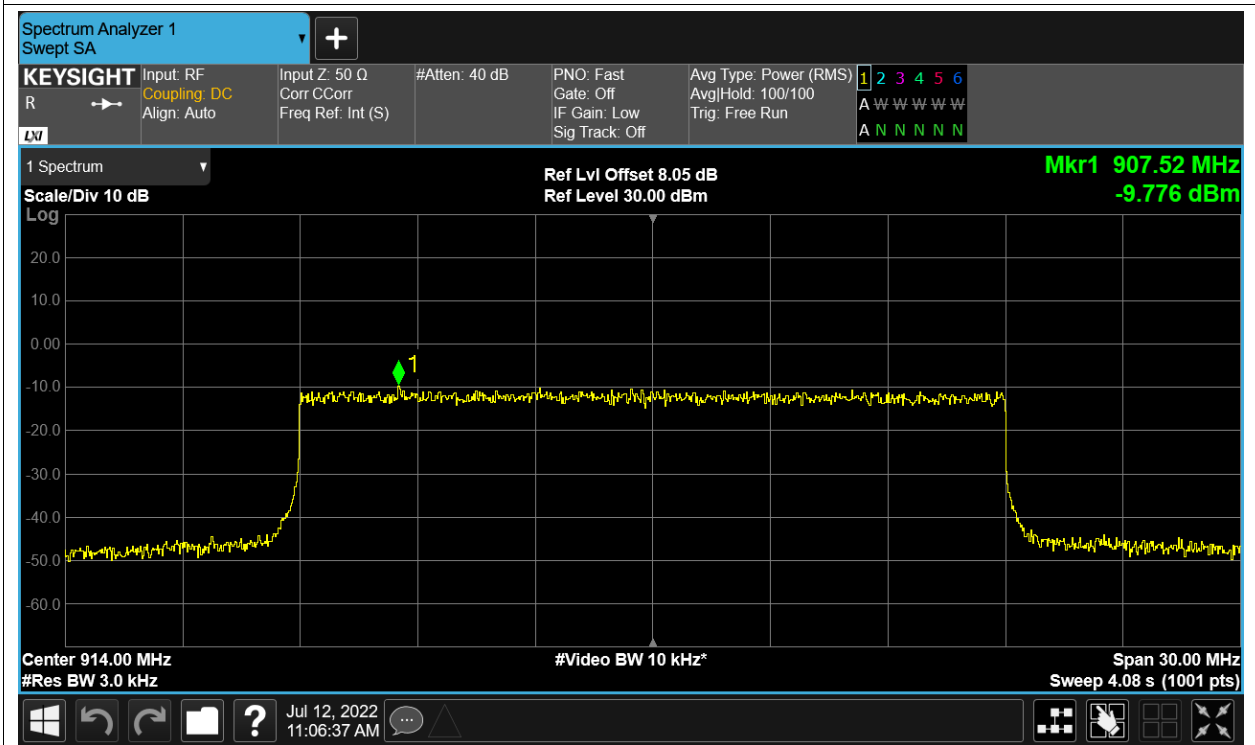
PSD NVNT 900MHz-20M-16QAM 915MHz Ant1



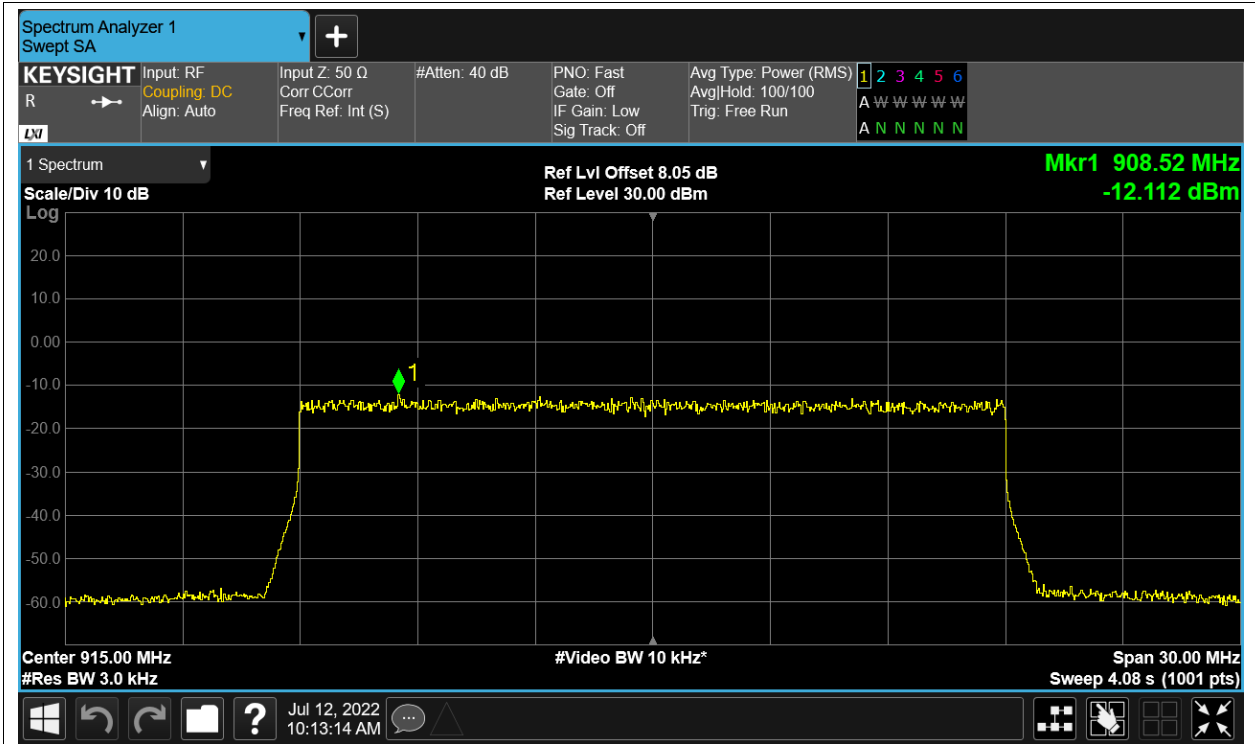
PSD NVNT 900MHz-20M-16QAM 916MHz Ant1



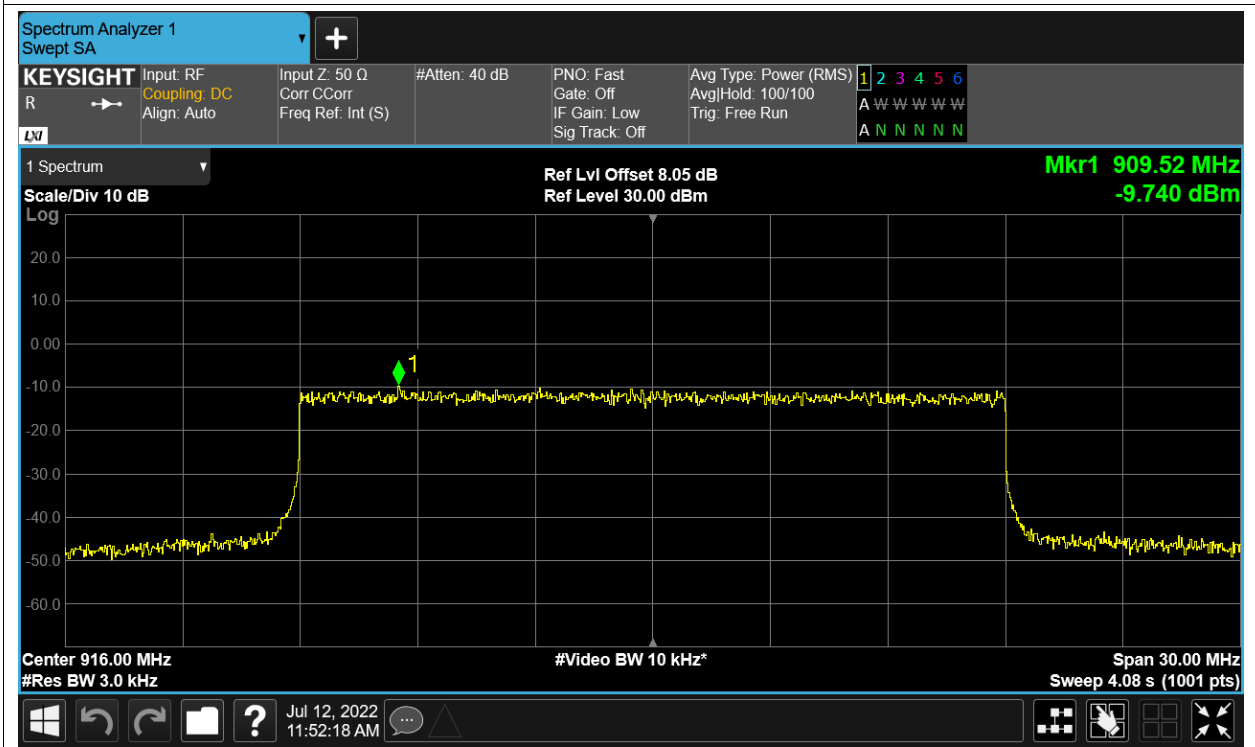
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PSD NVNT 900MHz-20M-QPSK 915MHz Ant1



PSD NVNT 900MHz-20M-QPSK 916MHz Ant1

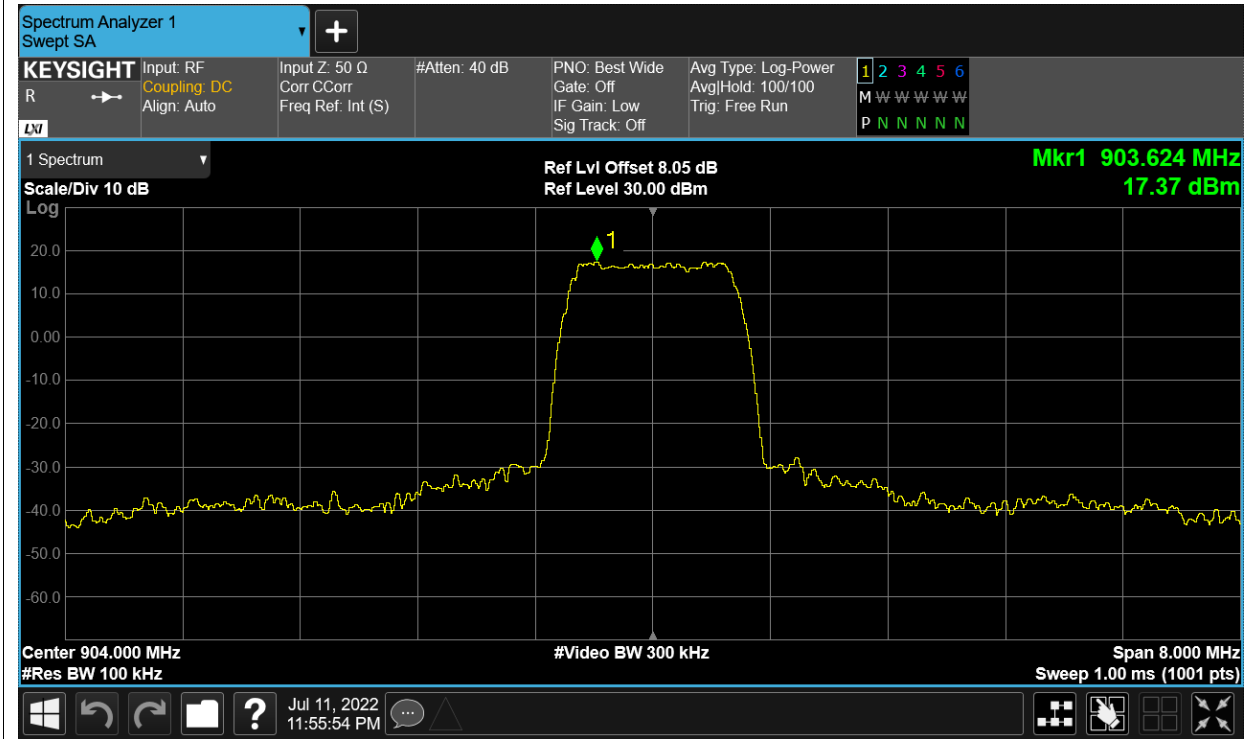


Band Edge

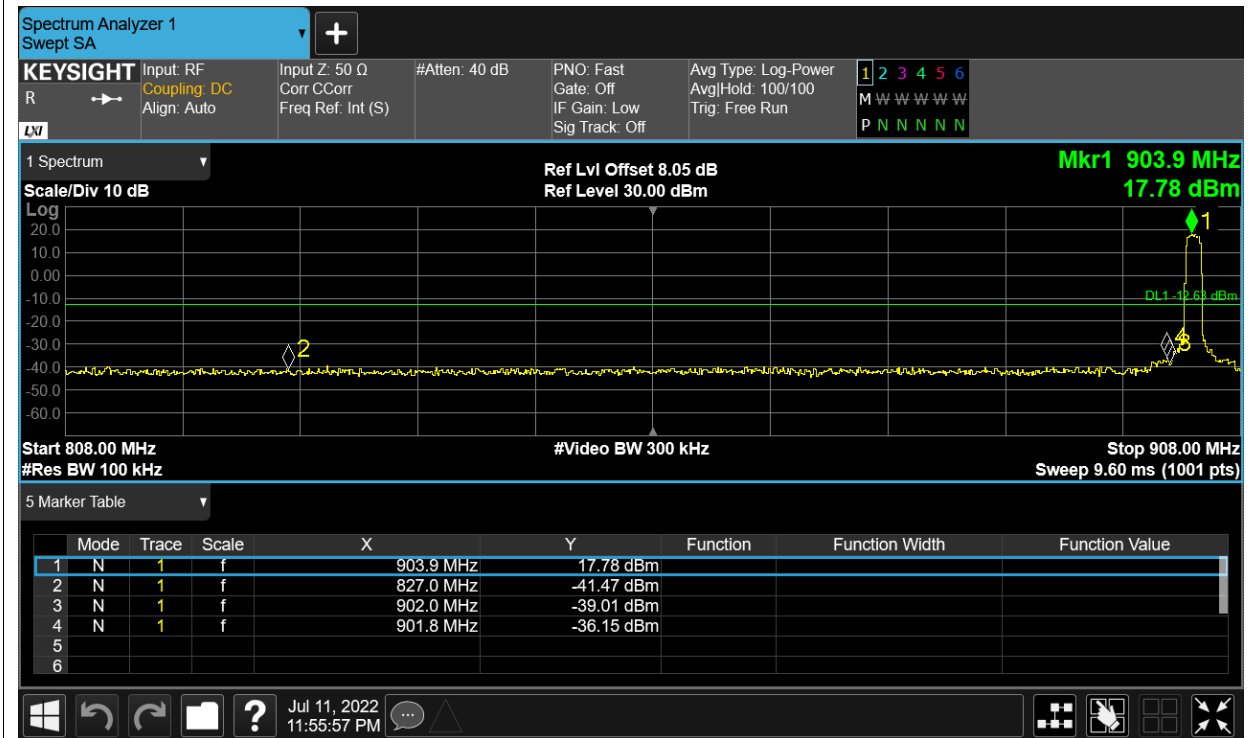
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	900MHz-1.4M-16QAM	904	Ant1	-53.52	-30	Pass
NVNT	900MHz-1.4M-16QAM	926	Ant1	-51.86	-30	Pass
NVNT	900MHz-1.4M-QPSK	904	Ant1	-55.67	-30	Pass
NVNT	900MHz-1.4M-QPSK	926	Ant1	-53.78	-30	Pass
NVNT	900MHz-10M-16QAM	909	Ant1	-47.83	-30	Pass
NVNT	900MHz-10M-16QAM	921	Ant1	-44.25	-30	Pass
NVNT	900MHz-10M-QPSK	909	Ant1	-45.26	-30	Pass
NVNT	900MHz-10M-QPSK	921	Ant1	-45.22	-30	Pass
NVNT	900MHz-20M-16QAM	914	Ant1	-34.32	-30	Pass
NVNT	900MHz-20M-16QAM	916	Ant1	-34.66	-30	Pass
NVNT	900MHz-20M-QPSK	914	Ant1	-34.98	-30	Pass
NVNT	900MHz-20M-QPSK	916	Ant1	-33.76	-30	Pass

Test Graphs

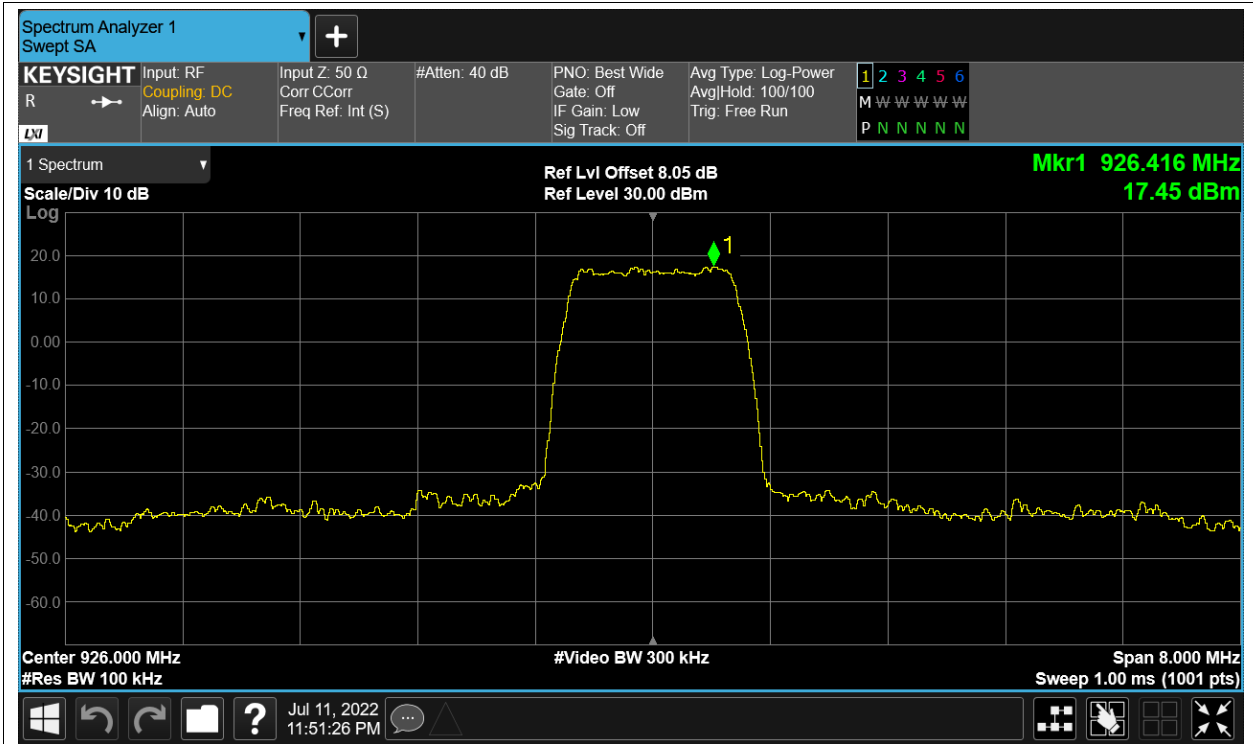
Band Edge NVNT 900MHz-1.4M-16QAM 904MHz Ant1 Ref



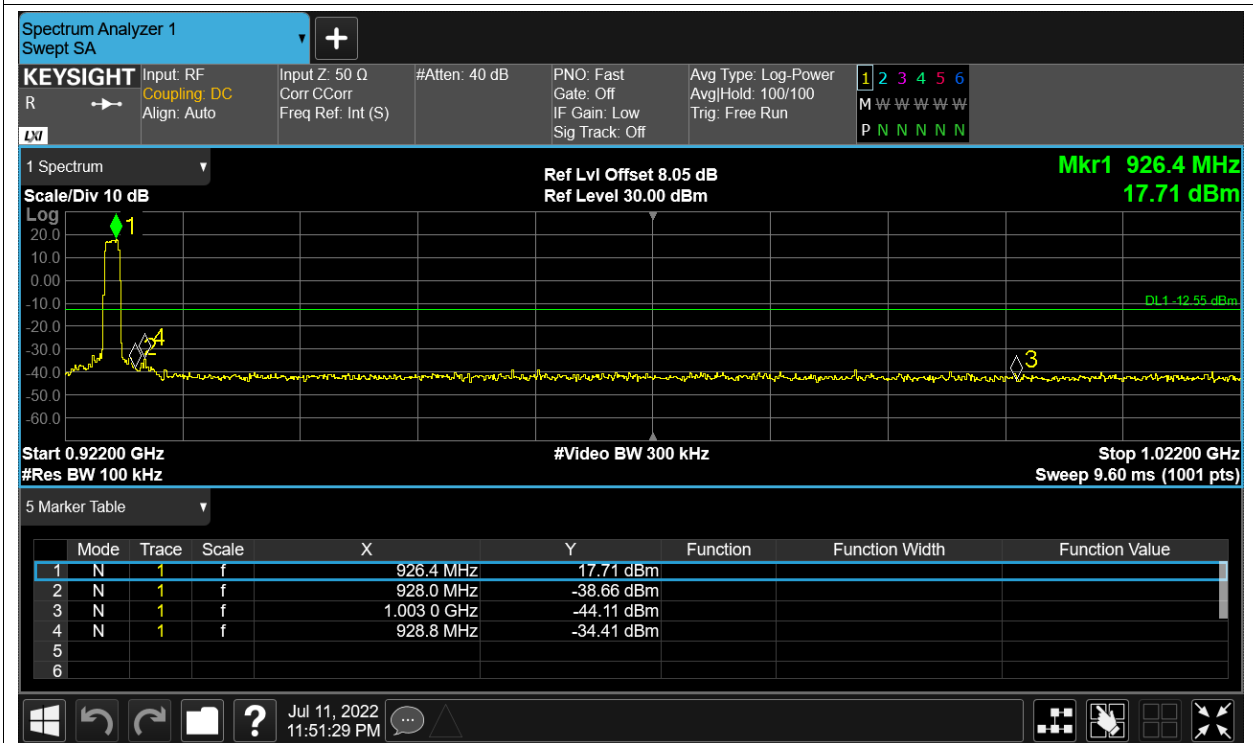
Band Edge NVNT 900MHz-1.4M-16QAM 904MHz Ant1 Emission



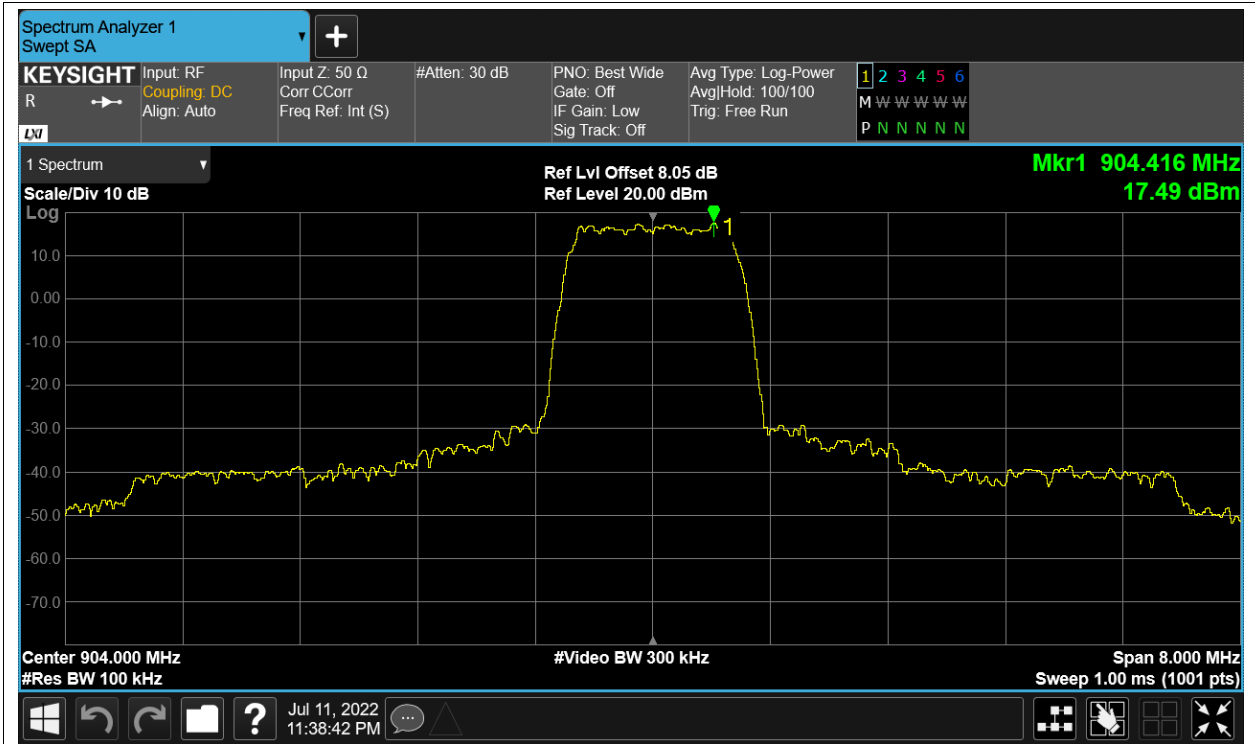
Band Edge NVNT 900MHz-1.4M-16QAM 926MHz Ant1 Ref



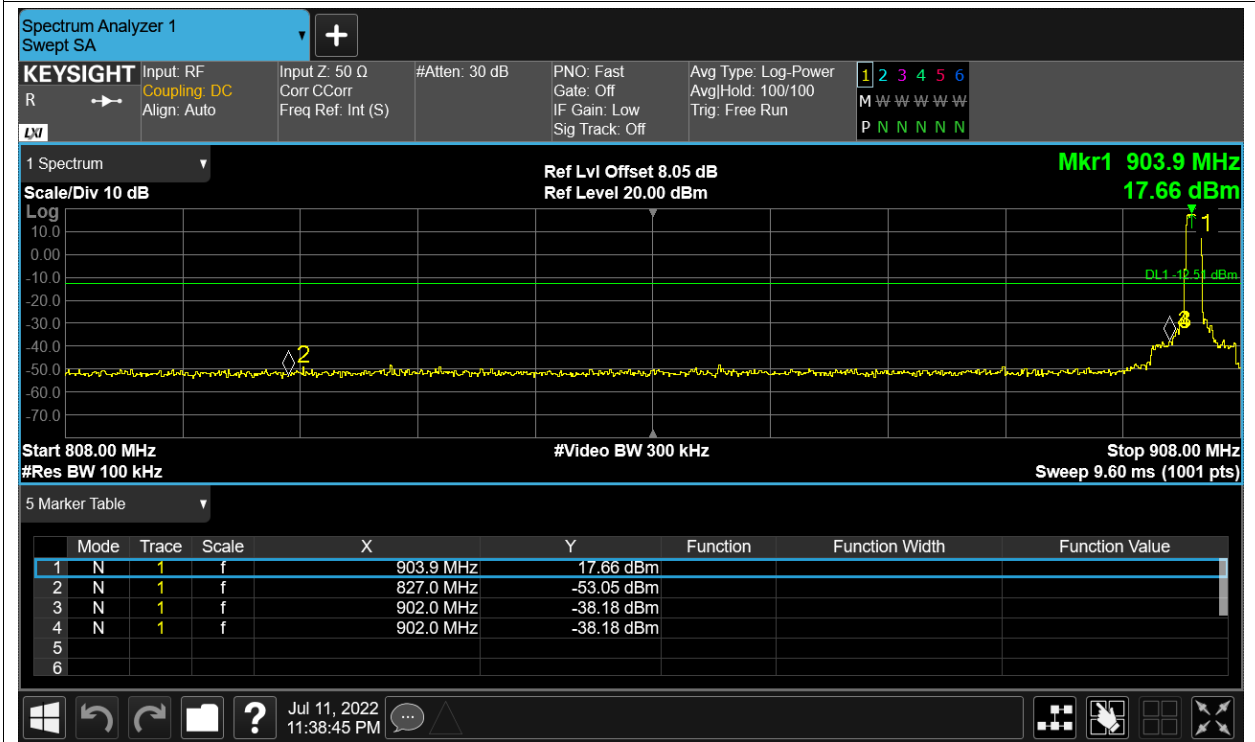
Band Edge NVNT 900MHz-1.4M-16QAM 926MHz Ant1 Emission



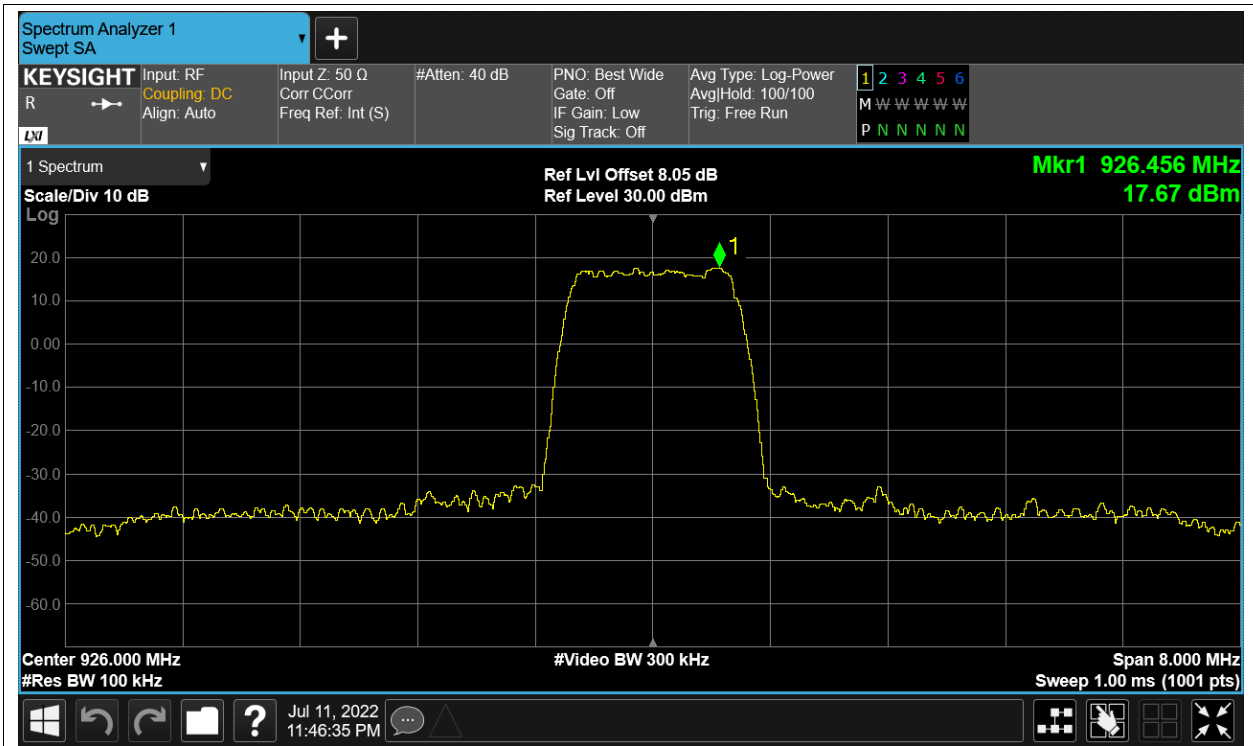
Band Edge NVNT 900MHz-1.4M-QPSK 904MHz Ant1 Ref



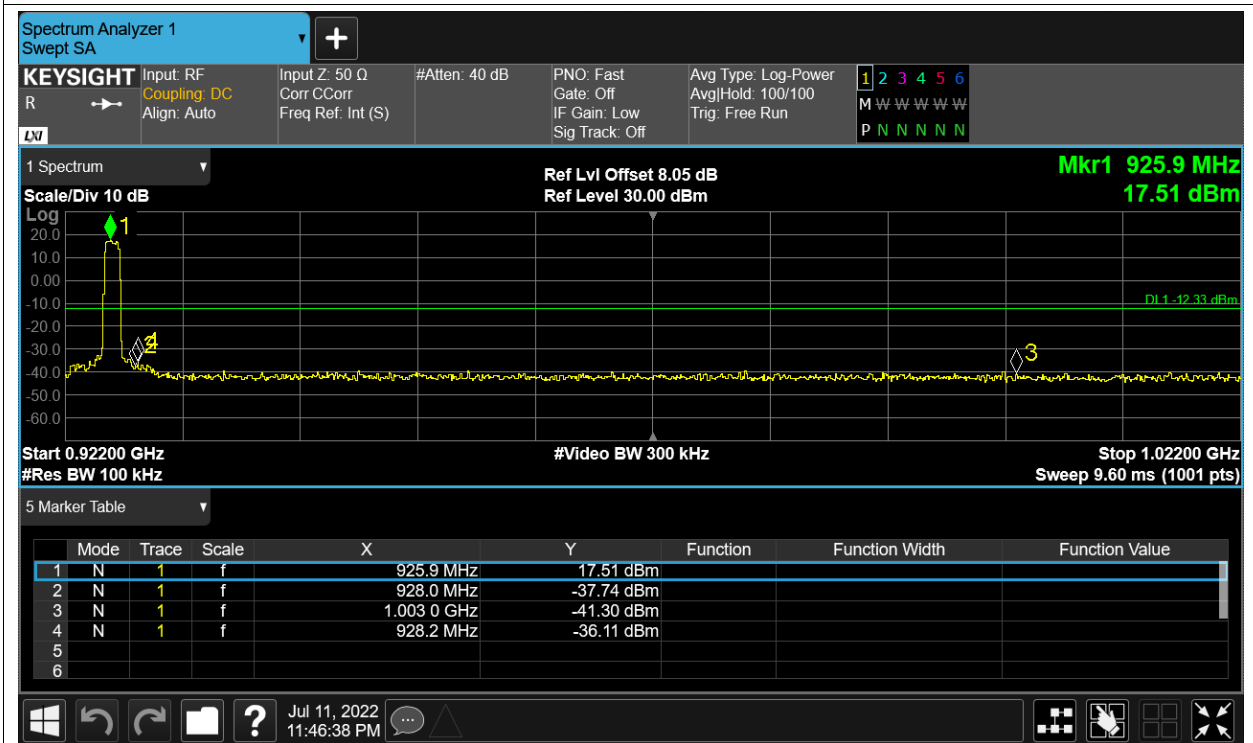
Band Edge NVNT 900MHz-1.4M-QPSK 904MHz Ant1 Emission



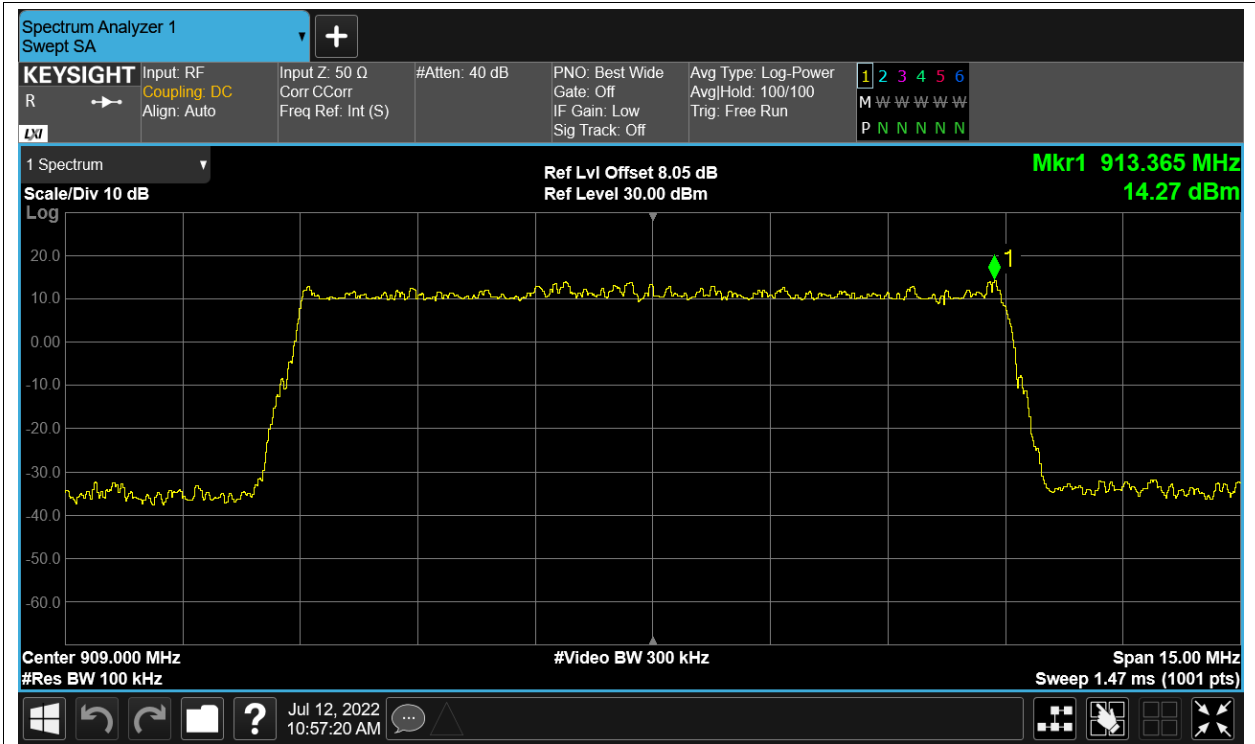
Band Edge NVNT 900MHz-1.4M-QPSK 926MHz Ant1 Ref



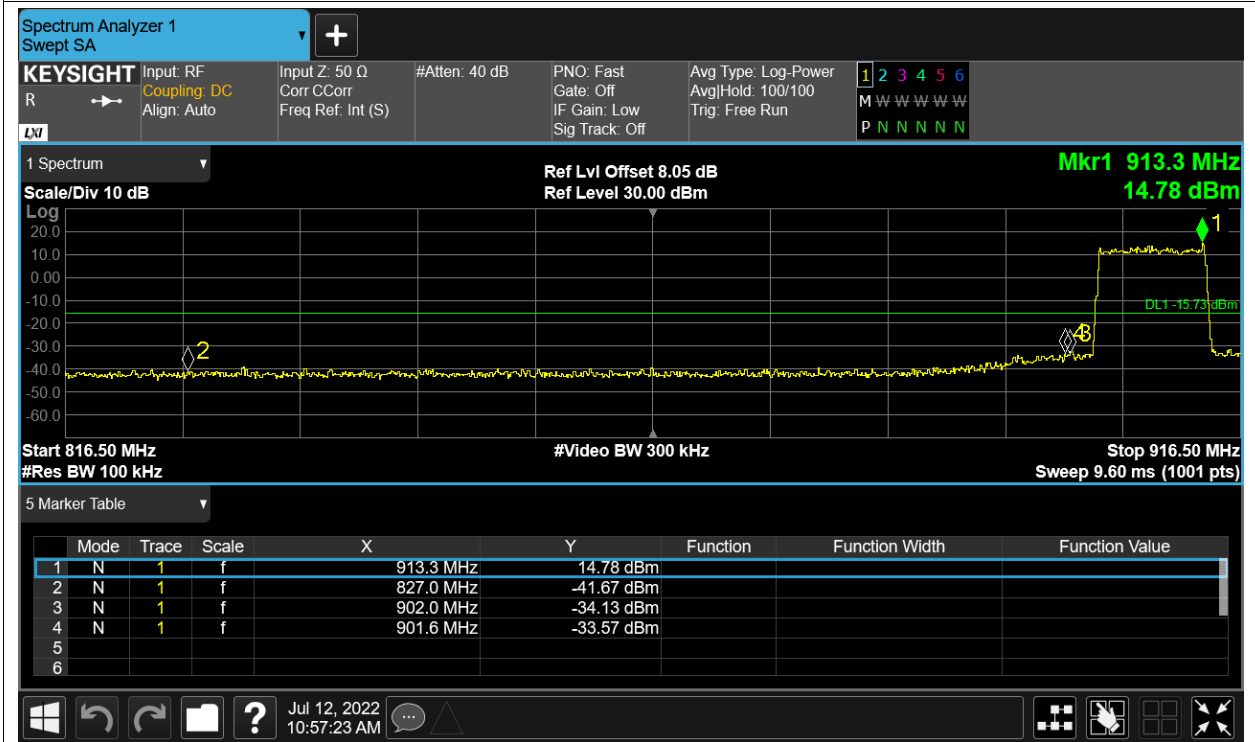
Band Edge NVNT 900MHz-1.4M-QPSK 926MHz Ant1 Emission



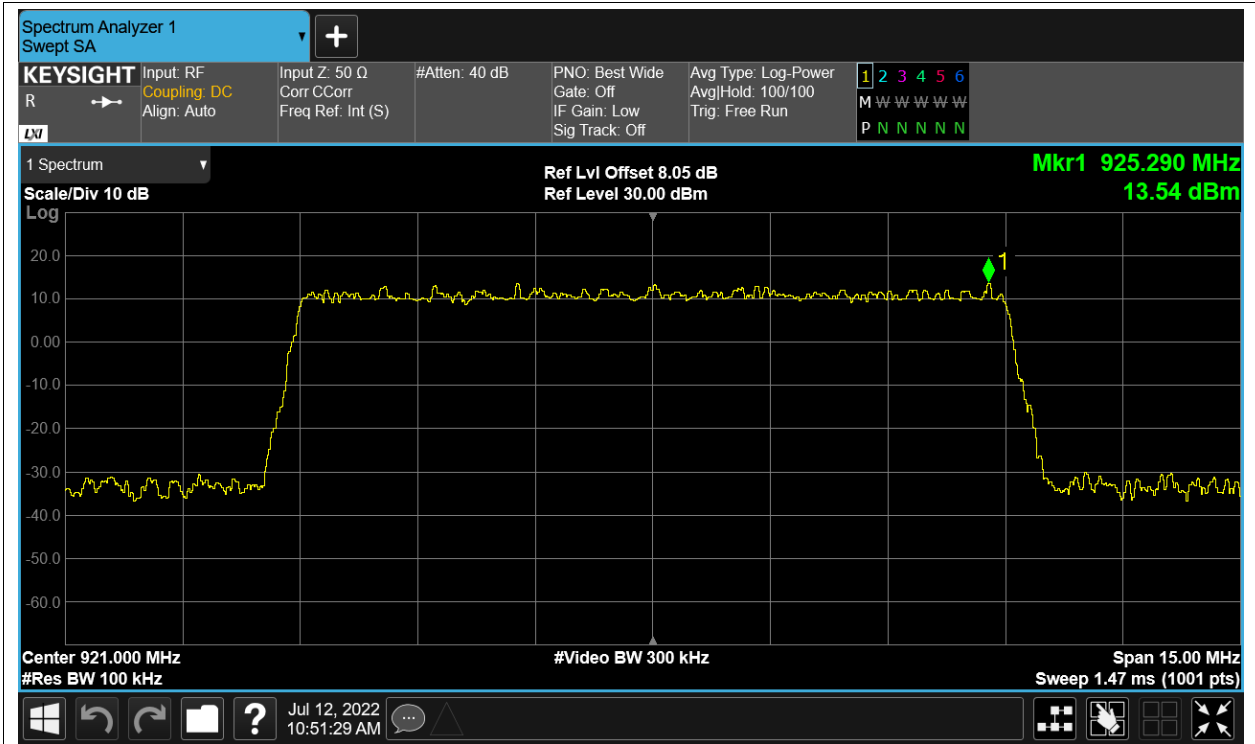
Band Edge NVNT 900MHz-10M-16QAM 909MHz Ant1 Ref



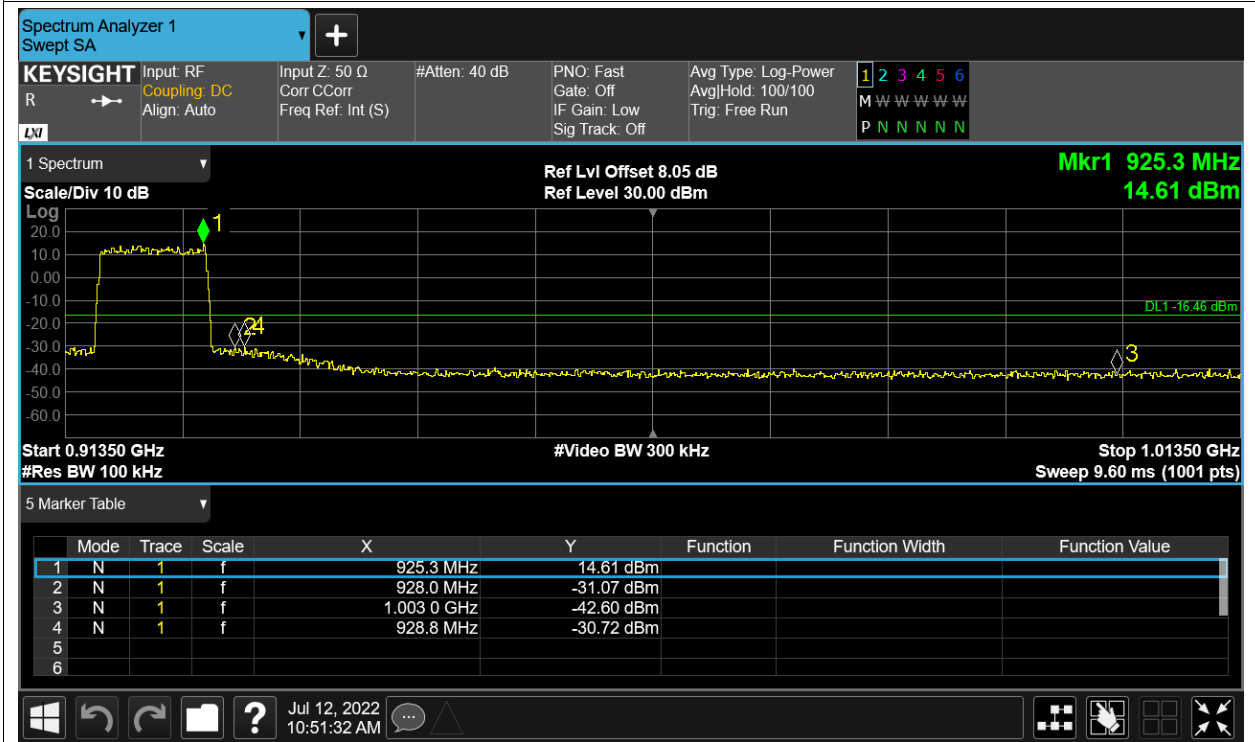
Band Edge NVNT 900MHz-10M-16QAM 909MHz Ant1 Emission



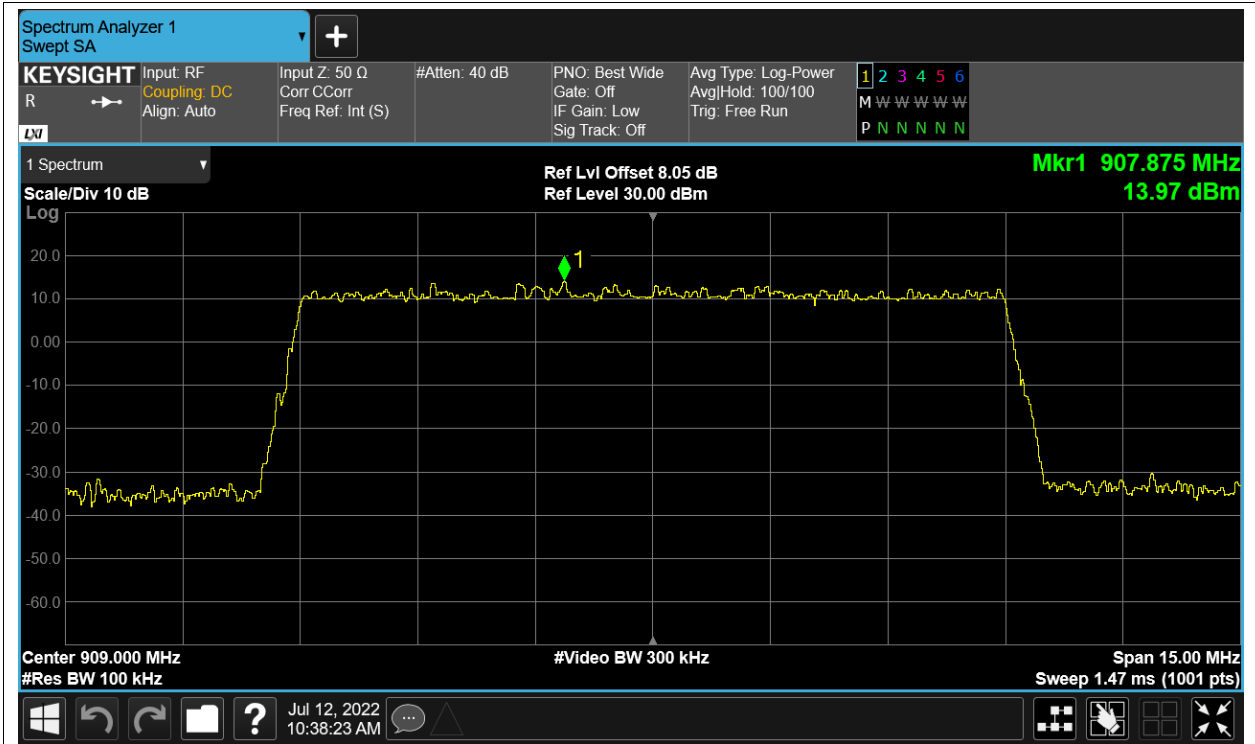
Band Edge NVNT 900MHz-10M-16QAM 921MHz Ant1 Ref



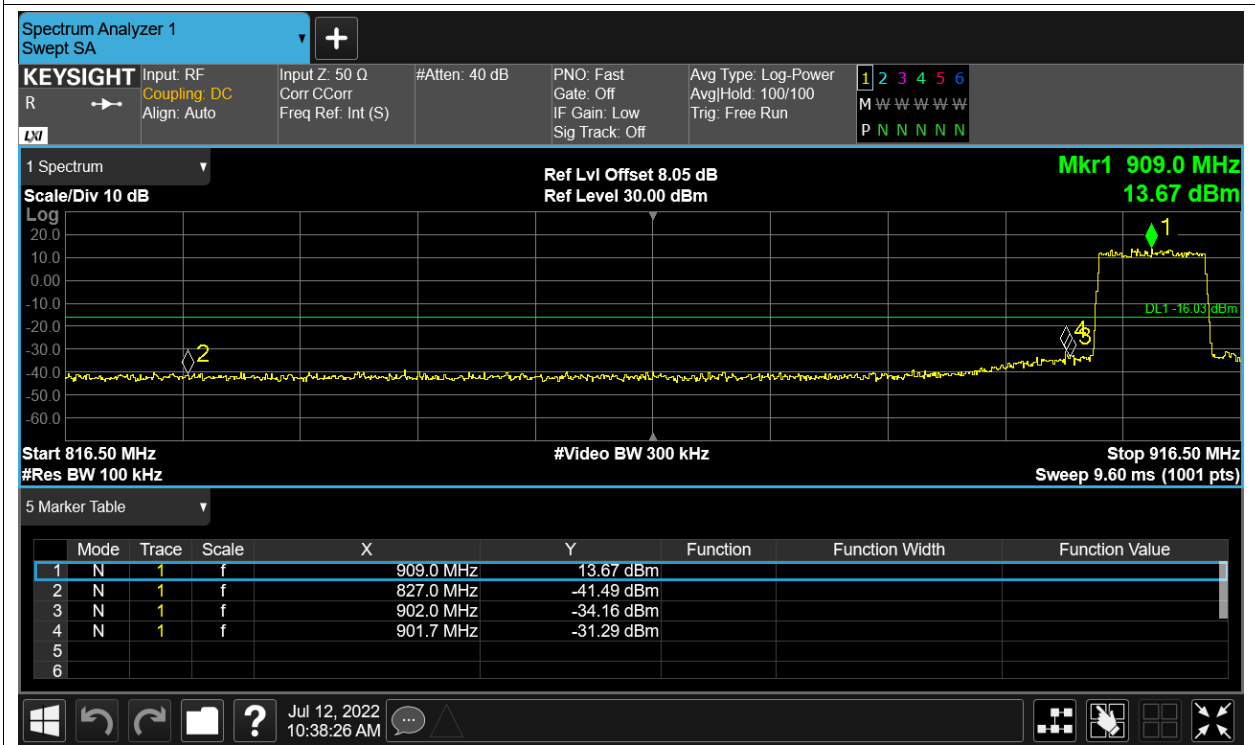
Band Edge NVNT 900MHz-10M-16QAM 921MHz Ant1 Emission



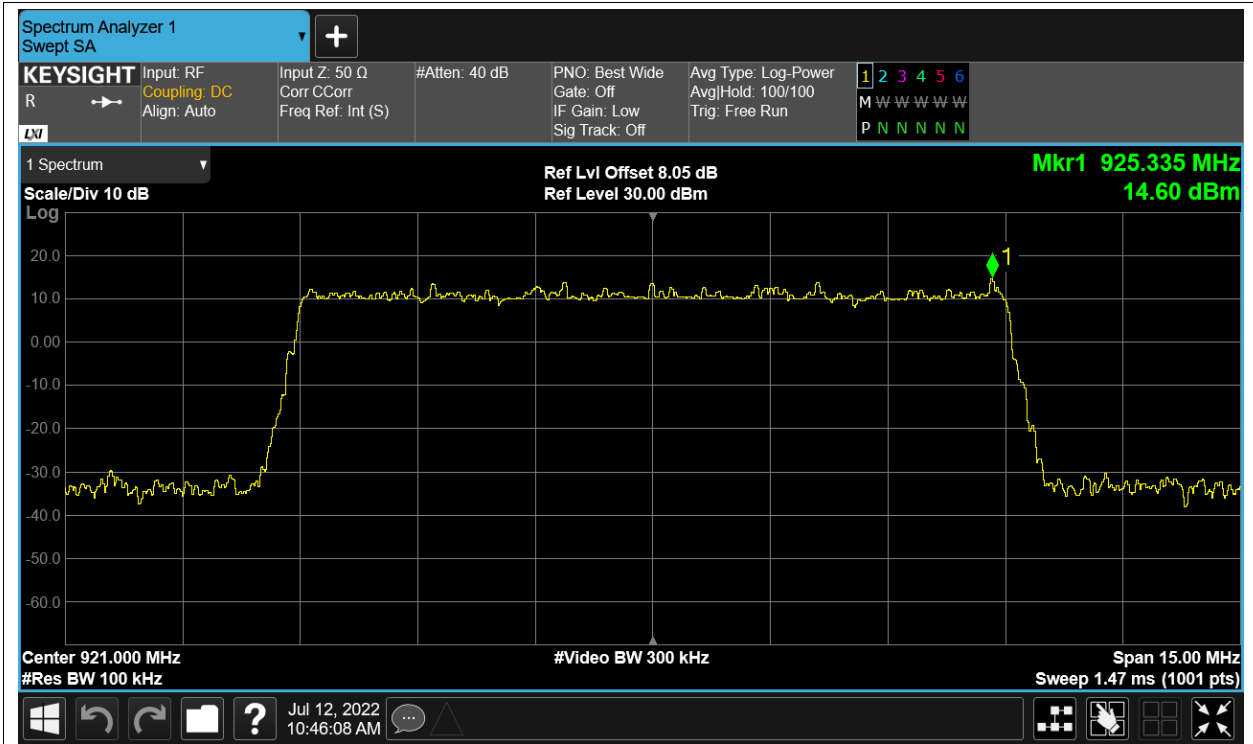
Band Edge NVNT 900MHz-10M-QPSK 909MHz Ant1 Ref



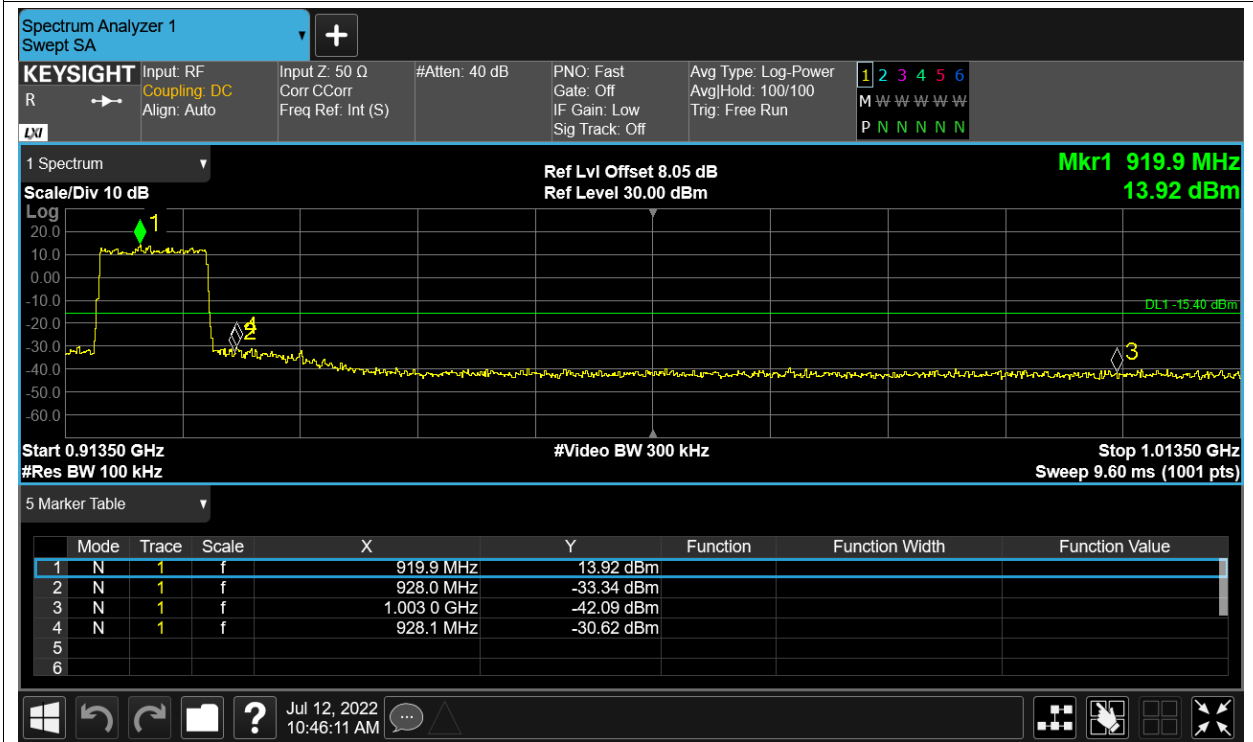
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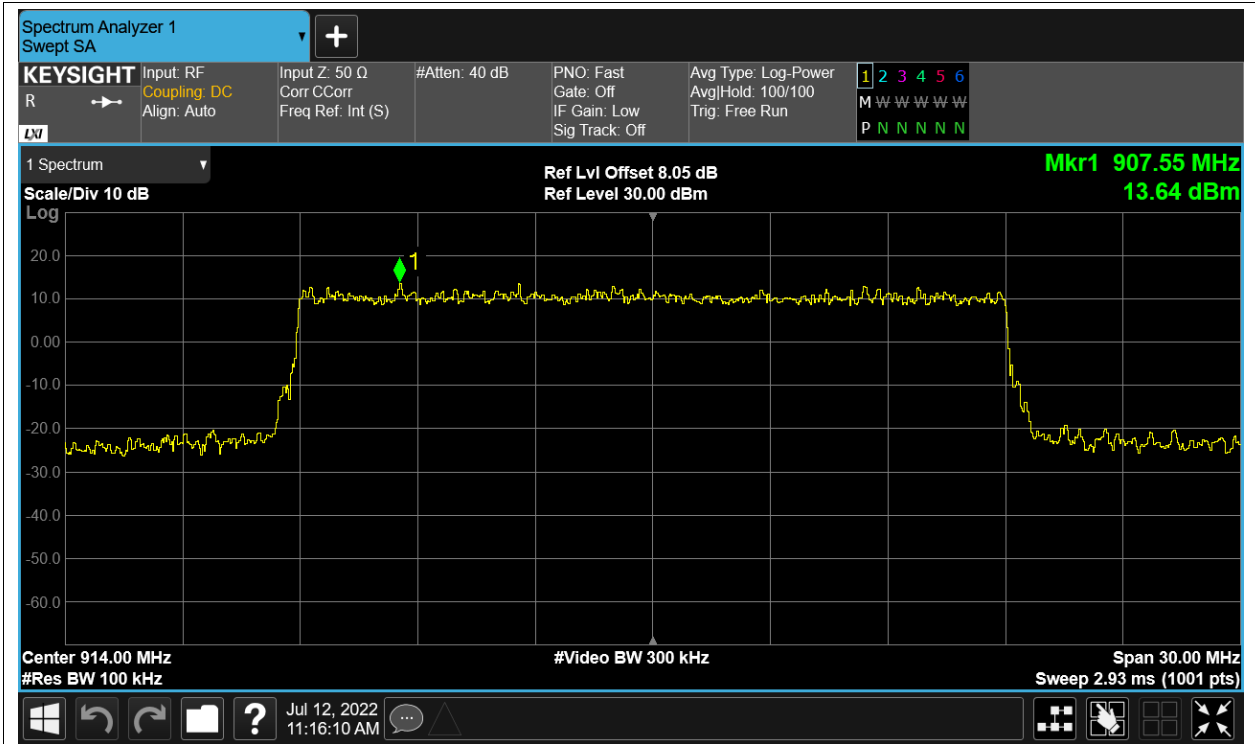
Band Edge NVNT 900MHz-10M-QPSK 921MHz Ant1 Ref



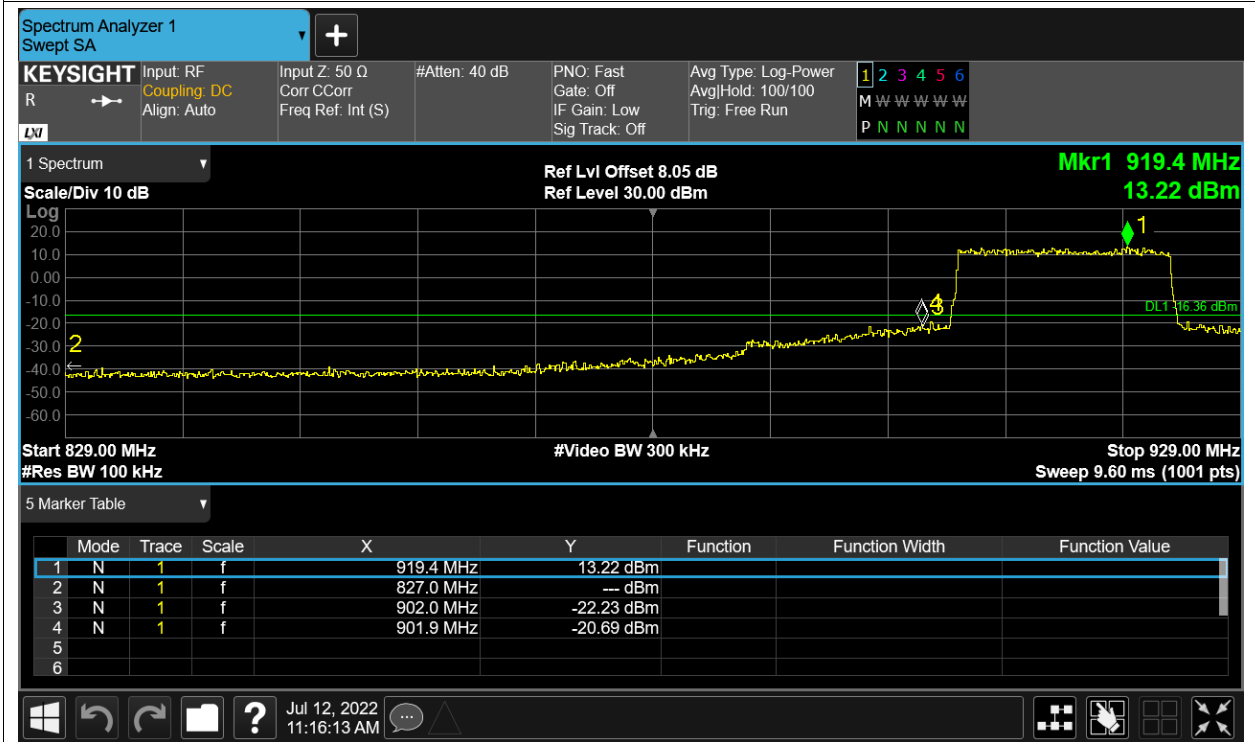
Band Edge NVNT 900MHz-10M-QPSK 921MHz Ant1 Emission



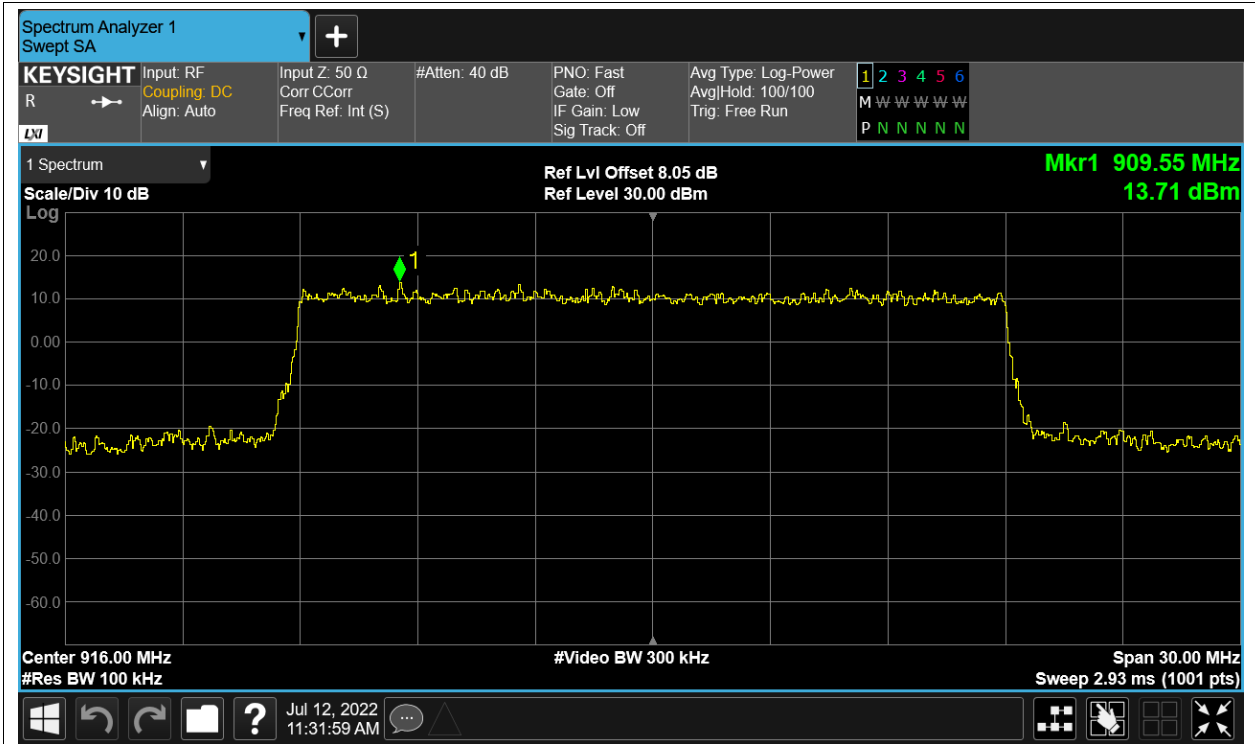
Band Edge NVNT 900MHz-20M-16QAM 914MHz Ant1 Ref



Band Edge NVNT 900MHz-20M-16QAM 914MHz Ant1 Emission



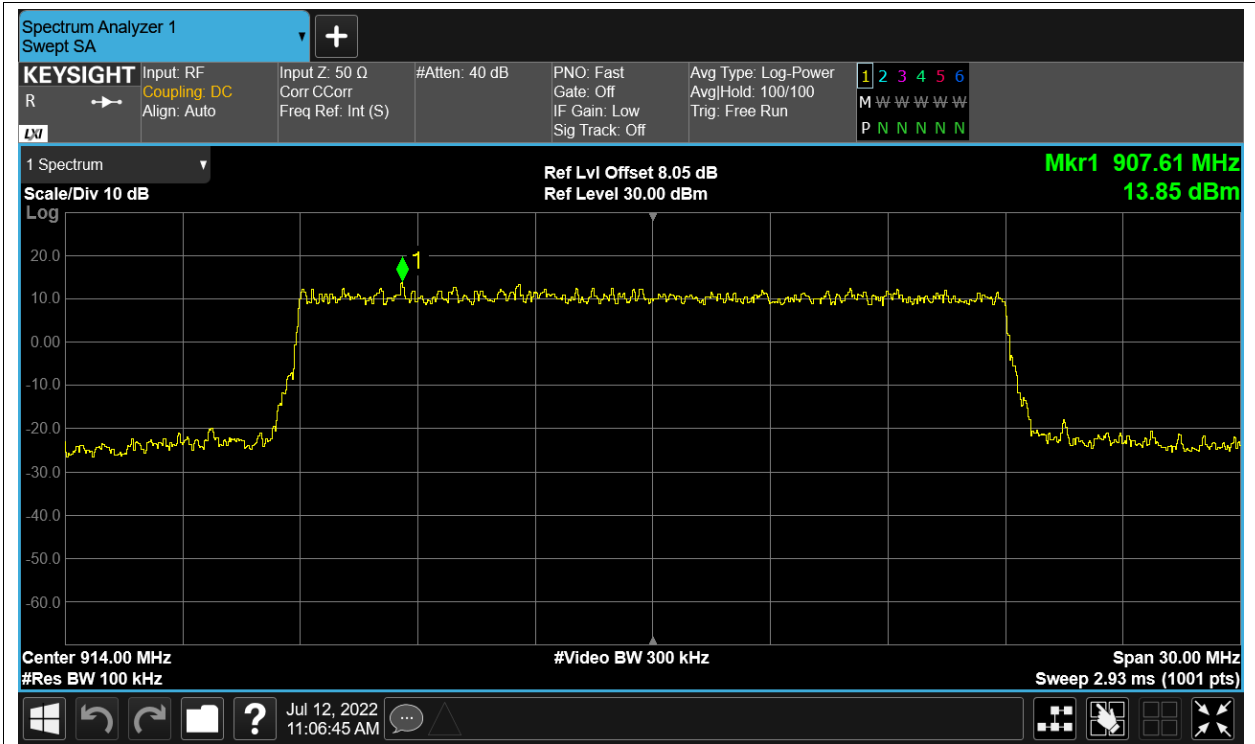
Band Edge NVNT 900MHz-20M-16QAM 916MHz Ant1 Ref



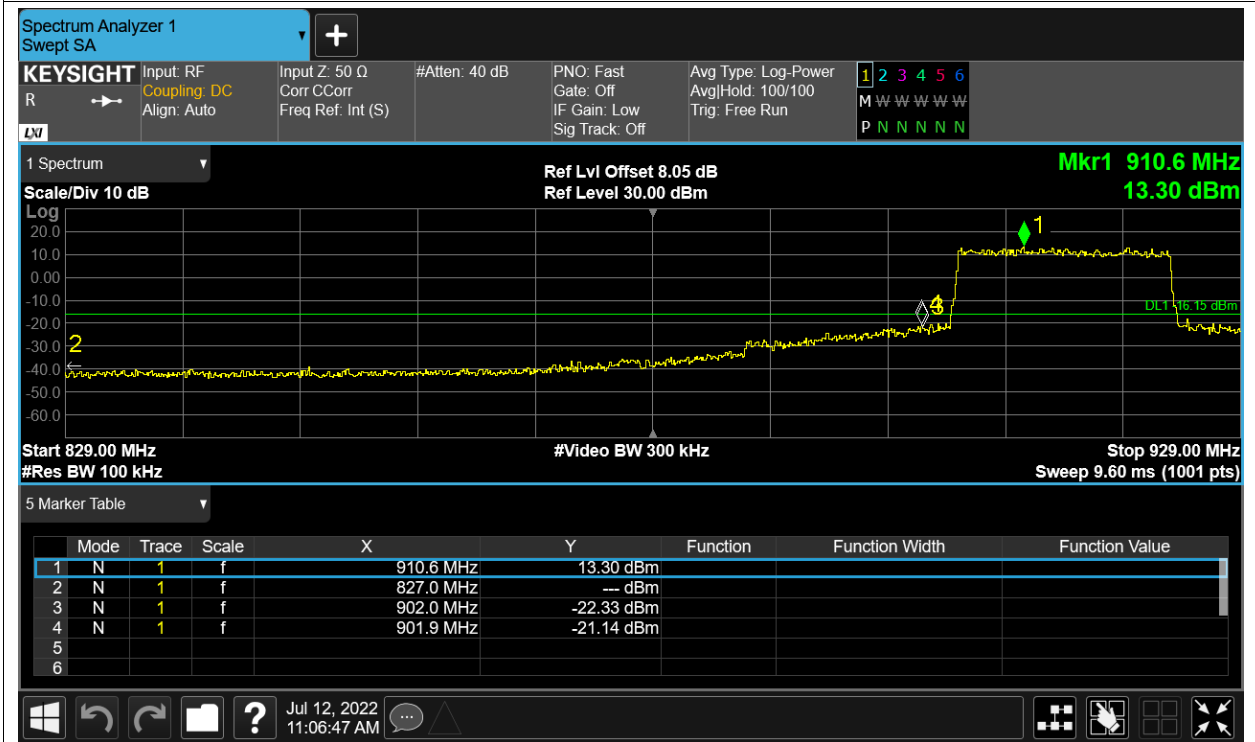
Band Edge NVNT 900MHz-20M-16QAM 916MHz Ant1 Emission



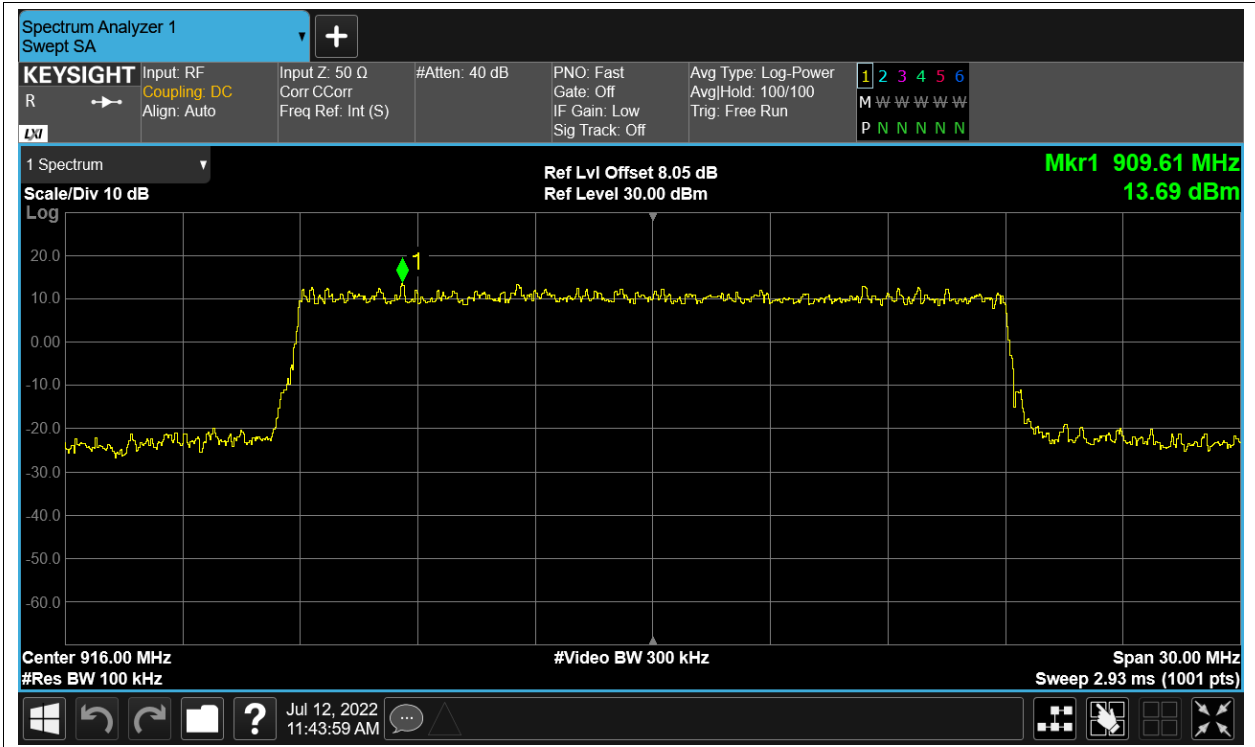
Band Edge NVNT 900MHz-20M-QPSK 914MHz Ant1 Ref



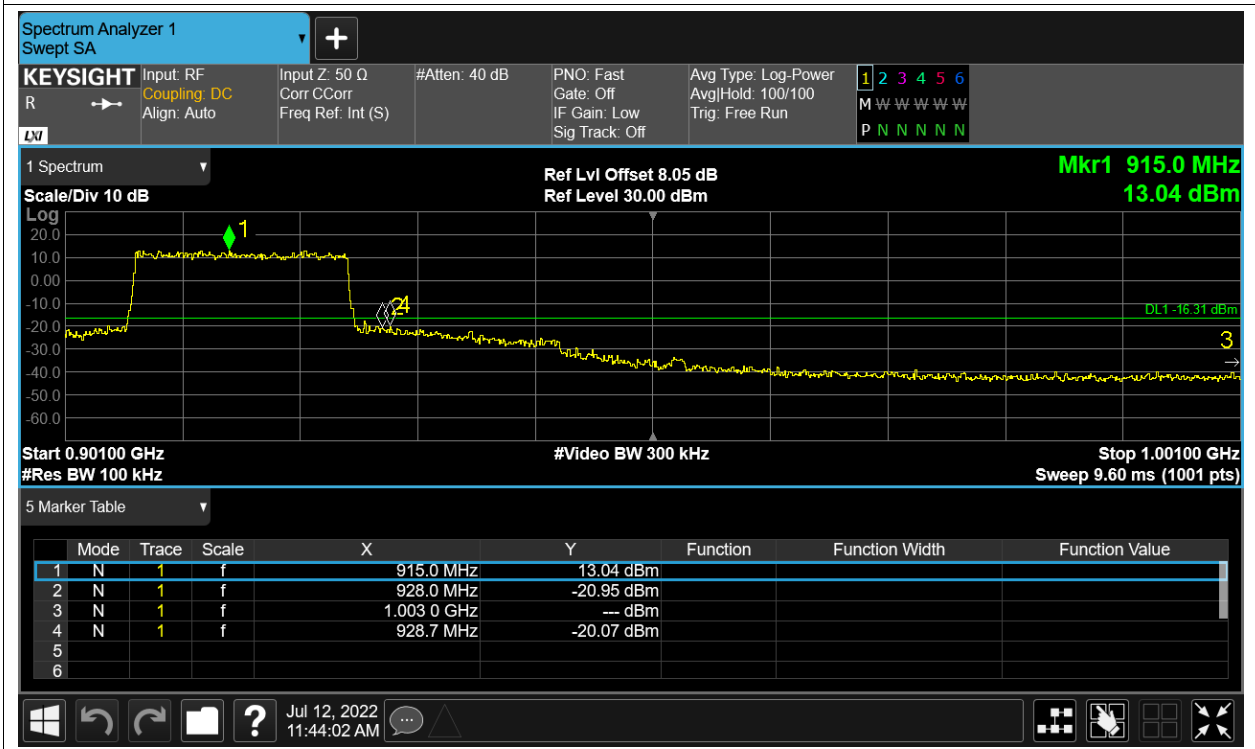
Band Edge NVNT 900MHz-20M-QPSK 914MHz Ant1 Emission



Band Edge NVNT 900MHz-20M-QPSK 916MHz Ant1 Ref



Band Edge NVNT 900MHz-20M-QPSK 916MHz Ant1 Emission

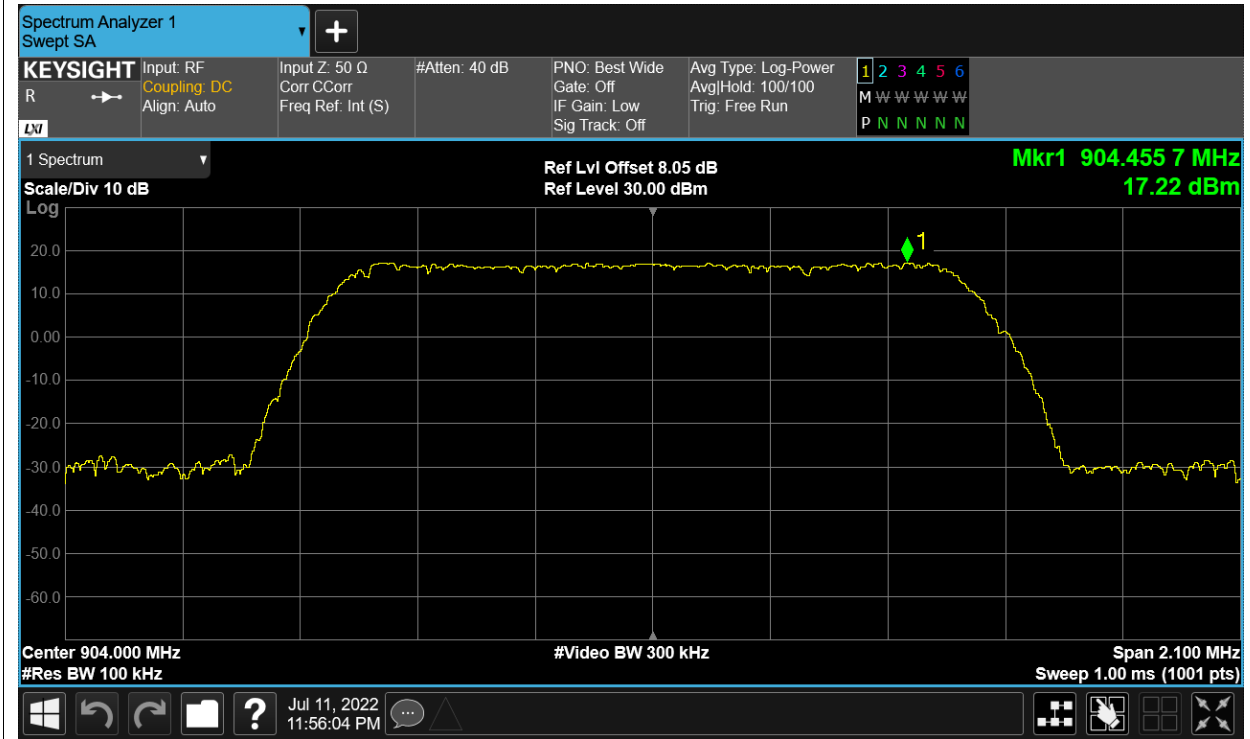


Conducted RF Spurious Emission

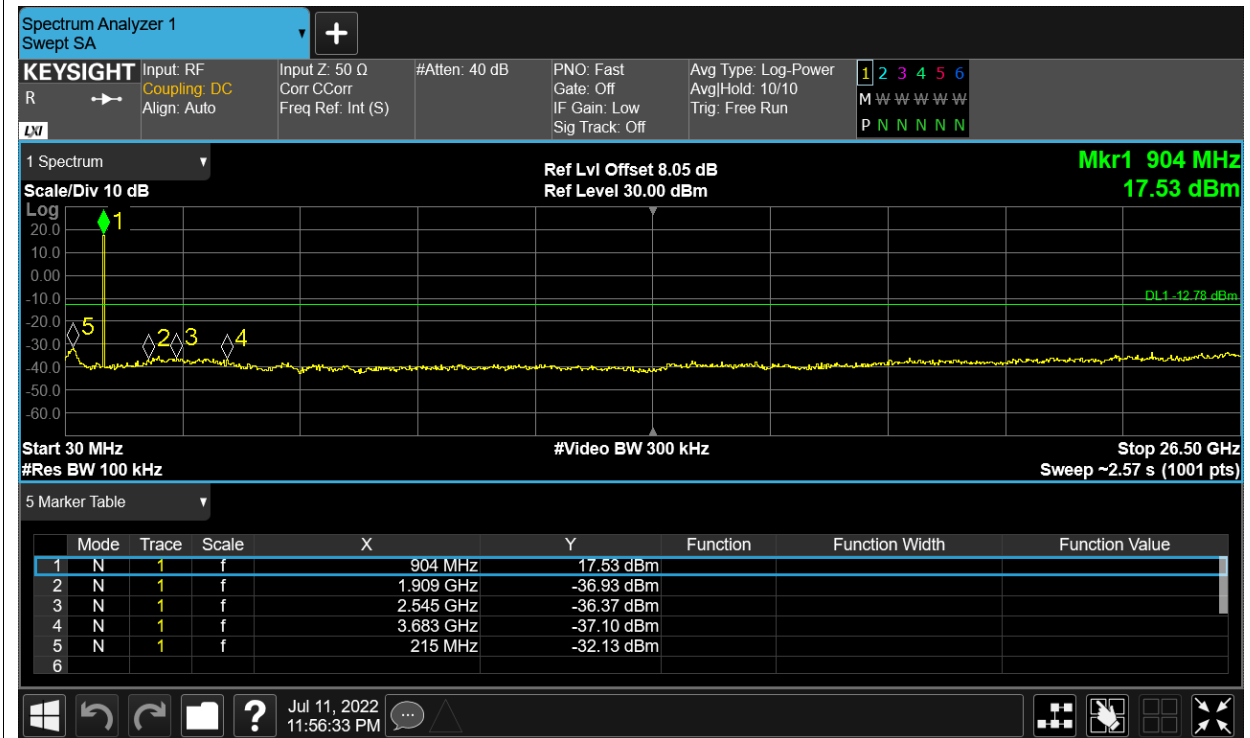
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	900MHz-1.4M-16QAM	904	Ant1	-49.34	-30	Pass
NVNT	900MHz-1.4M-16QAM	915	Ant1	-49.12	-30	Pass
NVNT	900MHz-1.4M-16QAM	926	Ant1	-47.78	-30	Pass
NVNT	900MHz-1.4M-QPSK	904	Ant1	-58.91	-30	Pass
NVNT	900MHz-1.4M-QPSK	915	Ant1	-49.42	-30	Pass
NVNT	900MHz-1.4M-QPSK	926	Ant1	-49.59	-30	Pass
NVNT	900MHz-10M-16QAM	909	Ant1	-46.28	-30	Pass
NVNT	900MHz-10M-16QAM	915	Ant1	-45.76	-30	Pass
NVNT	900MHz-10M-16QAM	921	Ant1	-46.94	-30	Pass
NVNT	900MHz-10M-QPSK	909	Ant1	-46.08	-30	Pass
NVNT	900MHz-10M-QPSK	915	Ant1	-45.91	-30	Pass
NVNT	900MHz-10M-QPSK	921	Ant1	-45.36	-30	Pass
NVNT	900MHz-20M-16QAM	914	Ant1	-45.36	-30	Pass
NVNT	900MHz-20M-16QAM	915	Ant1	-45.43	-30	Pass
NVNT	900MHz-20M-16QAM	916	Ant1	-45.55	-30	Pass
NVNT	900MHz-20M-QPSK	914	Ant1	-45.62	-30	Pass
NVNT	900MHz-20M-QPSK	915	Ant1	-43.15	-30	Pass
NVNT	900MHz-20M-QPSK	916	Ant1	-46.23	-30	Pass

Test Graphs

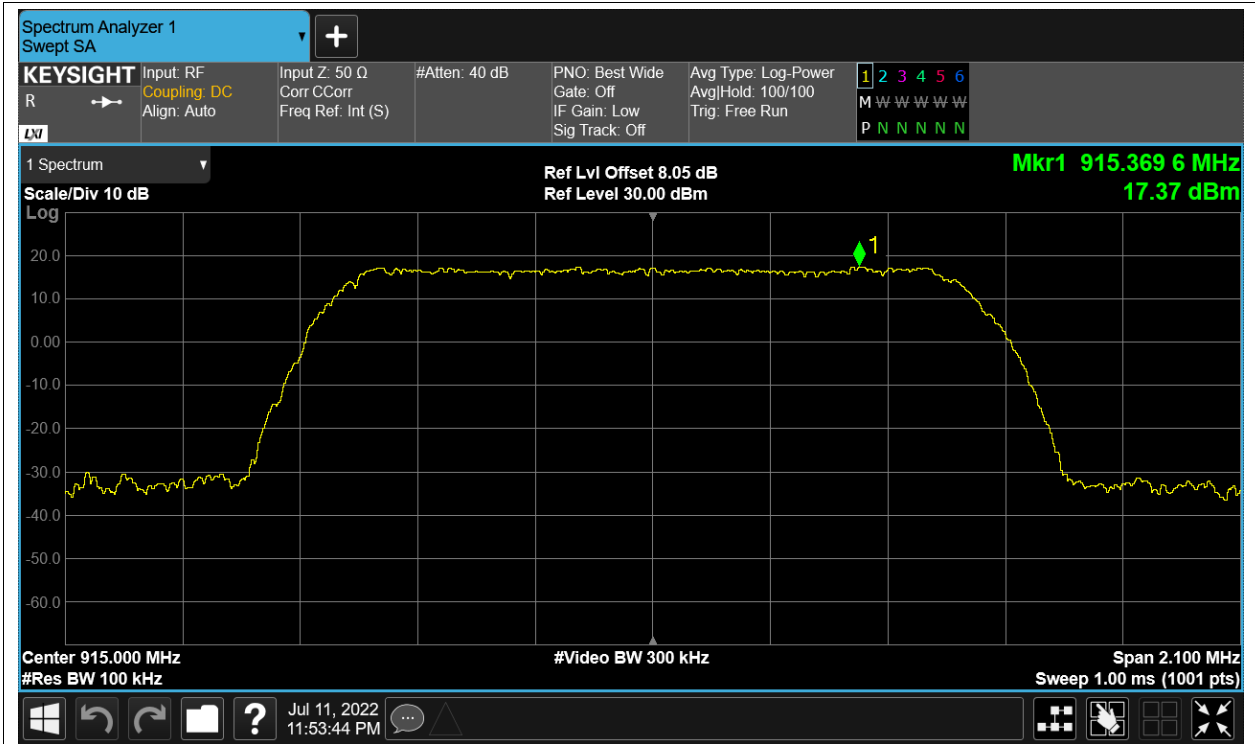
Tx. Spurious NVNT 900MHz-1.4M-16QAM 904MHz Ant1 Ref



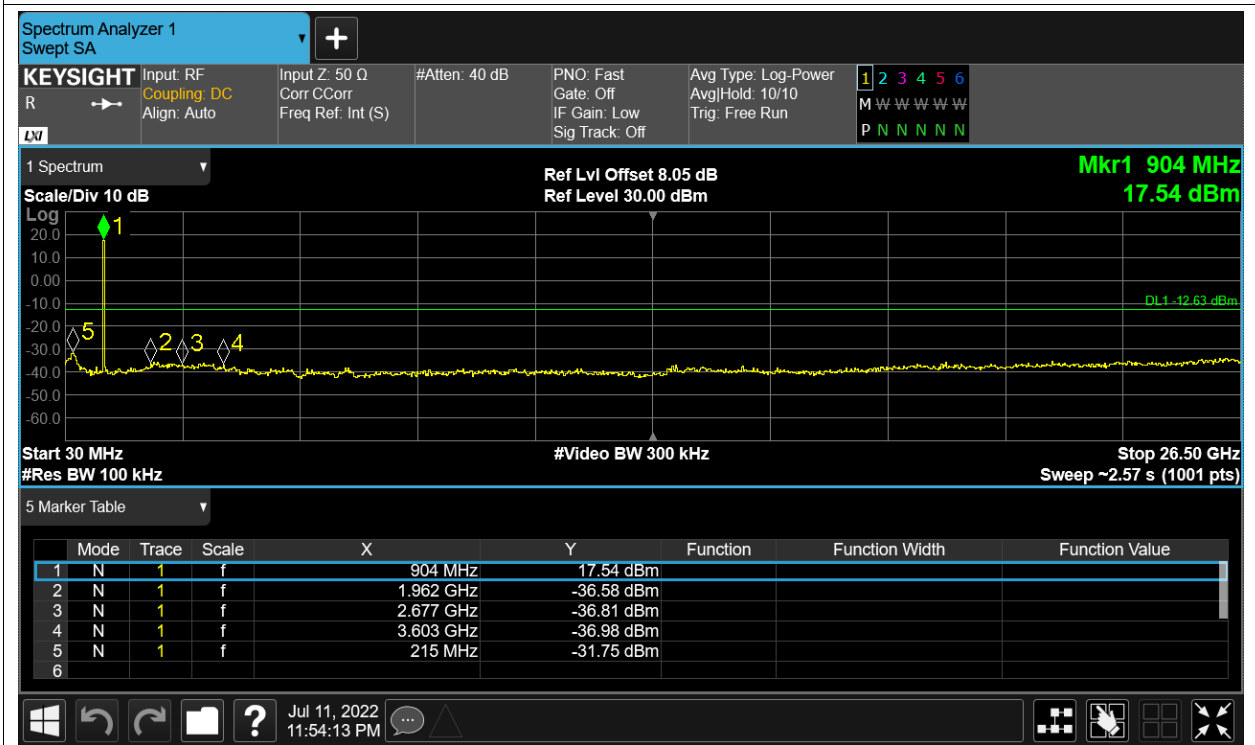
Tx. Spurious NVNT 900MHz-1.4M-16QAM 904MHz Ant1 Emission



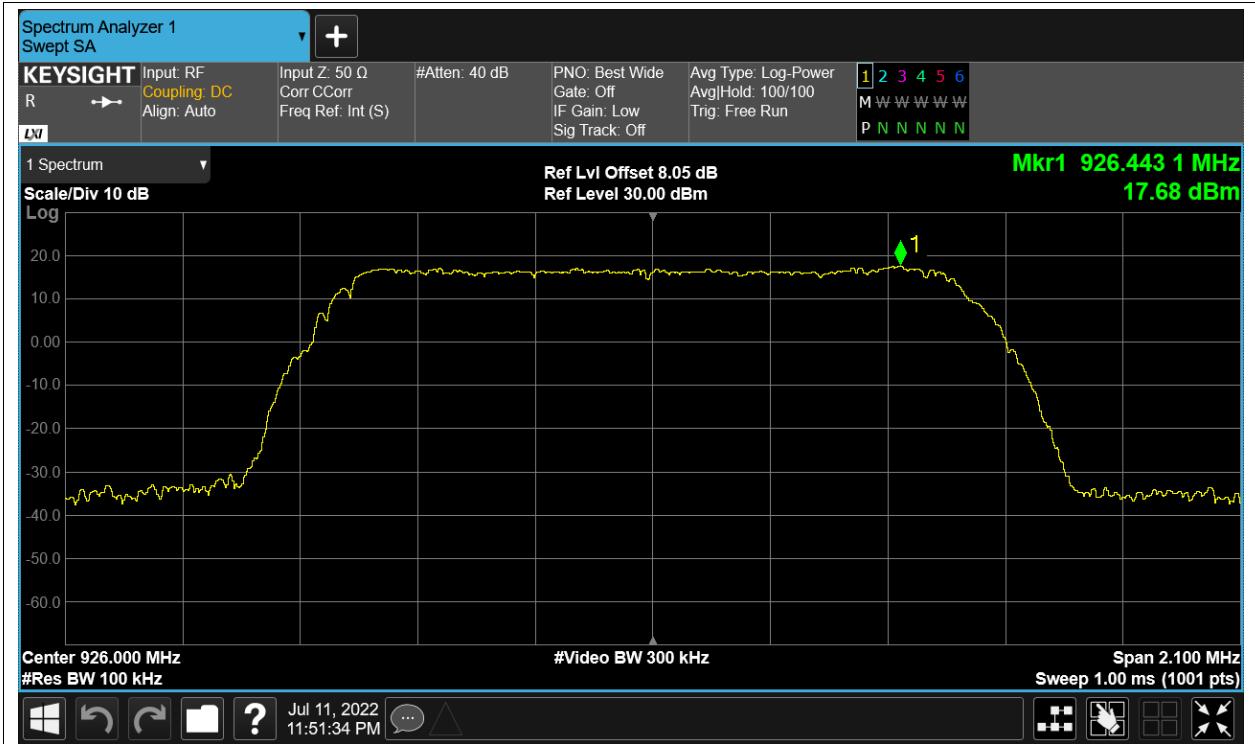
Tx. Spurious NVNT 900MHz-1.4M-16QAM 915MHz Ant1 Ref



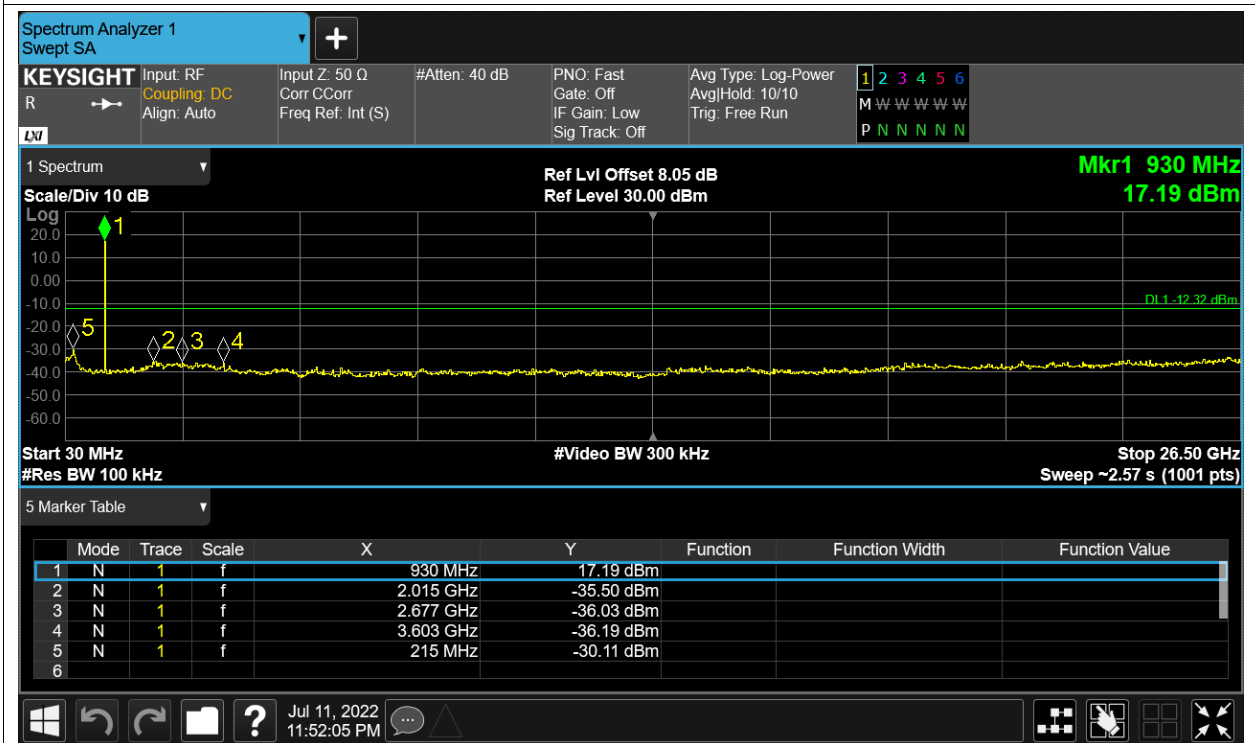
Tx. Spurious NVNT 900MHz-1.4M-16QAM 915MHz Ant1 Emission



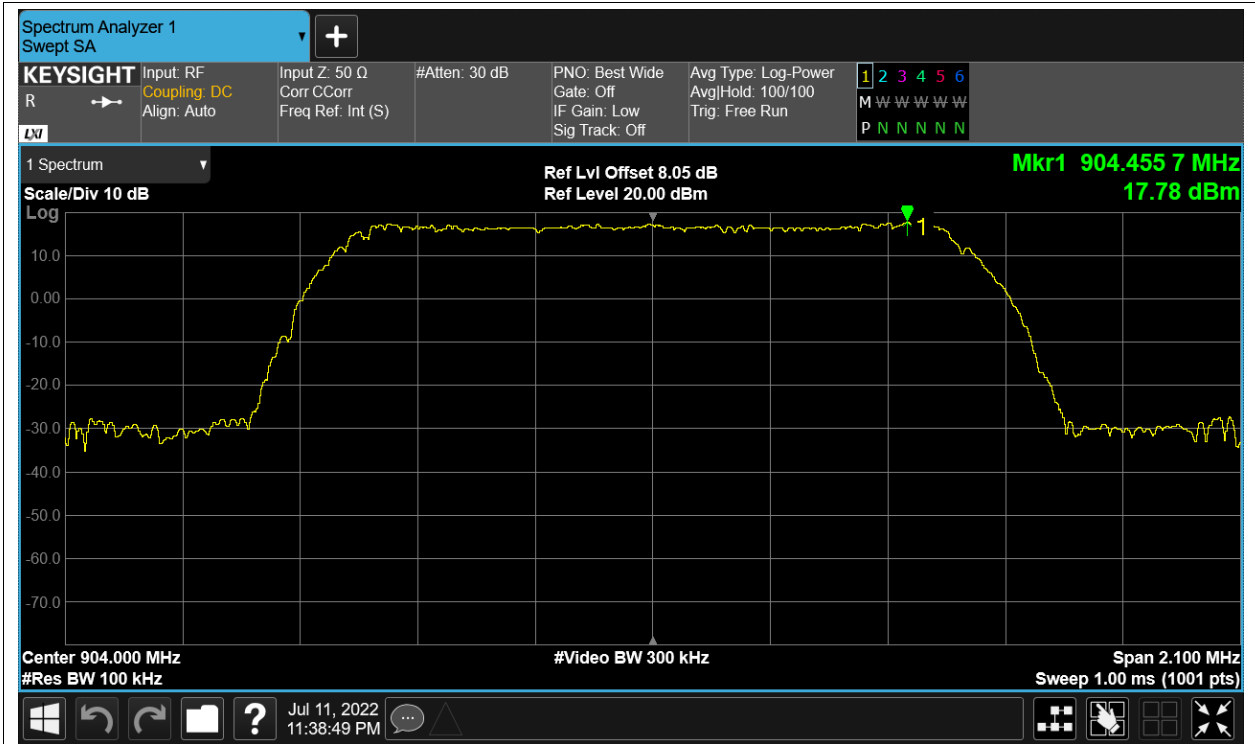
Tx. Spurious NVNT 900MHz-1.4M-16QAM 926MHz Ant1 Ref



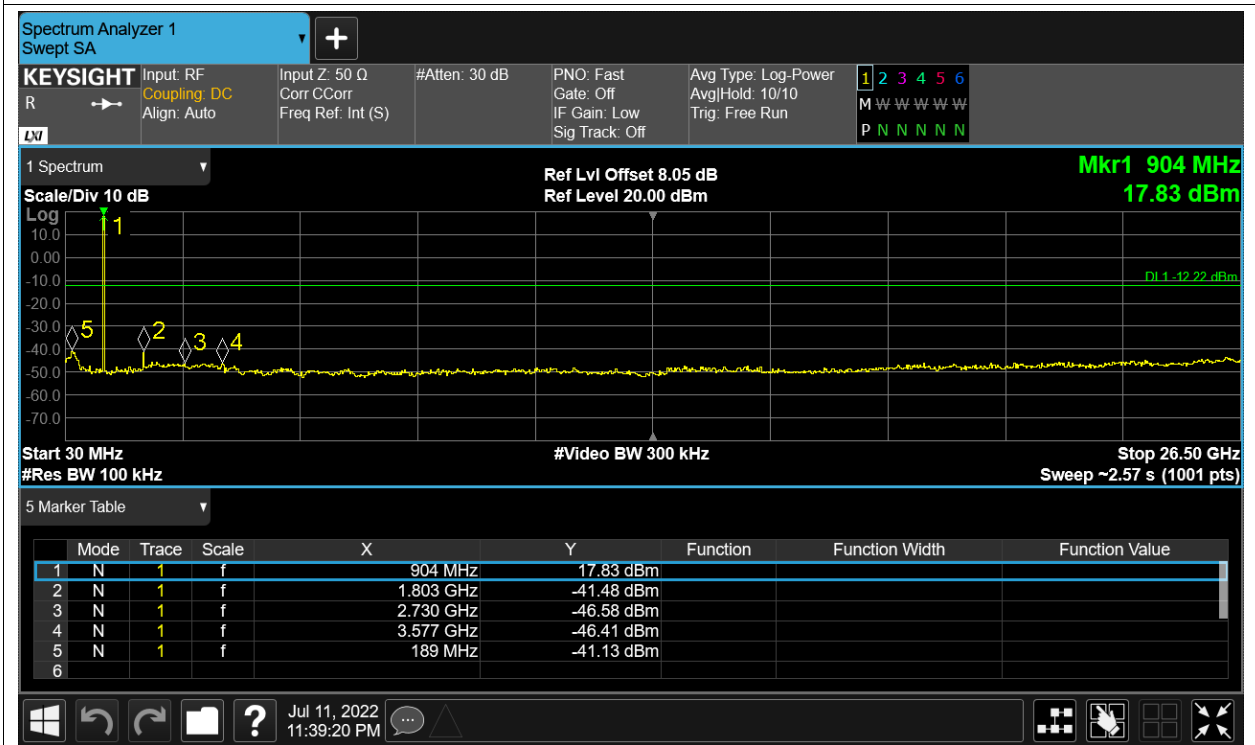
Tx. Spurious NVNT 900MHz-1.4M-16QAM 926MHz Ant1 Emission



Tx. Spurious NVNT 900MHz-1.4M-QPSK 904MHz Ant1 Ref



Tx. Spurious NVNT 900MHz-1.4M-QPSK 904MHz Ant1 Emission



Tx. Spurious NVNT 900MHz-1.4M-QPSK 915MHz Ant1 Ref