

(4 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-27.32
		High	894.05	-27.85
	16QAM	Low	868.95	-29.40
		High	894.05	-27.61
	64QAM	Low	868.95	-27.53
		High	894.11	-27.35
	256QAM	Low	868.95	-27.81
		High	894.05	-27.35
1	QPSK	Low	868.95	-28.16
		High	894.05	-27.59
	16QAM	Low	868.95	-27.85
		High	894.05	-28.12
	64QAM	Low	868.95	-26.81
		High	894.05	-27.35
	256QAM	Low	868.95	-27.14
		High	894.05	-27.33
2	QPSK	Low	868.95	-26.98
		High	894.05	-26.21
	16QAM	Low	868.95	-27.04
		High	894.64	-27.08
	64QAM	Low	868.95	-25.50
		High	894.05	-26.26
	256QAM	Low	868.95	-26.48
		High	894.05	-25.63
3	QPSK	Low	868.95	-25.72
		High	894.05	-25.34
	16QAM	Low	868.95	-26.44
		High	894.05	-27.09
	64QAM	Low	868.95	-27.09
		High	894.05	-26.62
	256QAM	Low	868.95	-26.94
		High	894.05	-27.10

(4 Port)B5 DSS 10 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-29.01
		High	894.05	-28.74
	16QAM	Low	868.30	-28.91
		High	894.05	-28.33
	64QAM	Low	868.95	-30.17
		High	894.41	-27.98
256QAM	Low	868.95	-29.36	
	High	894.64	-24.87	
1	QPSK	Low	868.95	-26.28
		High	894.05	-21.39
	16QAM	Low	868.95	-29.93
		High	894.05	-27.20
	64QAM	Low	868.95	-26.63
		High	894.05	-21.08
256QAM	Low	868.87	-27.32	
	High	894.21	-20.50	
2	QPSK	Low	868.83	-27.82
		High	894.05	-26.34
	16QAM	Low	868.95	-28.10
		High	894.70	-26.49
	64QAM	Low	868.95	-26.30
		High	894.05	-26.44
256QAM	Low	868.95	-27.55	
	High	894.05	-25.75	
3	QPSK	Low	868.91	-27.24
		High	894.13	-27.12
	16QAM	Low	868.95	-27.87
		High	894.20	-26.57
	64QAM	Low	868.73	-27.24
		High	894.05	-26.25
256QAM	Low	868.95	-26.83	
	High	894.05	-27.15	

(4 Port)5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.98	-26.20
		High	894.03	-26.56
	16QAM	Low	868.98	-26.03
		High	894.03	-27.66
	64QAM	Low	868.98	-25.05
		High	894.03	-26.63
	256QAM	Low	868.98	-25.59
		High	894.03	-26.51
1	QPSK	Low	868.98	-26.67
		High	894.03	-25.04
	16QAM	Low	868.94	-25.56
		High	894.03	-25.60
	64QAM	Low	868.98	-25.43
		High	894.03	-24.98
	256QAM	Low	868.98	-25.22
		High	894.03	-24.95
2	QPSK	Low	868.98	-24.51
		High	894.03	-25.45
	16QAM	Low	868.98	-26.37
		High	894.03	-25.60
	64QAM	Low	868.98	-25.80
		High	894.07	-30.37
	256QAM	Low	868.98	-25.44
		High	894.03	-23.03
3	QPSK	Low	868.98	-24.51
		High	894.03	-25.81
	16QAM	Low	868.98	-24.27
		High	894.03	-24.04
	64QAM	Low	868.98	-23.97
		High	894.03	-25.73
	256QAM	Low	868.98	-24.03
		High	894.03	-27.05

(4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.92	-27.30
		High	894.03	-26.54
	16QAM	Low	868.95	-28.24
		High	894.03	-28.89
	64QAM	Low	868.95	-24.59
		High	894.10	-26.76
256QAM	Low	868.69	-24.52	
	High	894.23	-27.95	
1	QPSK	Low	868.95	-28.22
		High	894.12	-29.20
	16QAM	Low	868.95	-28.64
		High	894.21	-27.96
	64QAM	Low	868.95	-28.23
		High	894.11	-28.65
256QAM	Low	868.95	-28.11	
	High	894.10	-28.06	
2	QPSK	Low	868.95	-27.34
		High	894.09	-27.44
	16QAM	Low	868.51	-27.35
		High	894.15	-27.54
	64QAM	Low	868.95	-25.75
		High	894.04	-28.11
256QAM	Low	868.95	-26.15	
	High	894.06	-27.26	
3	QPSK	Low	868.95	-26.73
		High	894.05	-26.90
	16QAM	Low	868.95	-27.06
		High	894.37	-25.37
	64QAM	Low	868.95	-25.68
		High	894.03	-26.81
256QAM	Low	868.83	-26.71	
	High	894.03	-26.61	

(4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-28.08
		High	894.05	-28.31
	16QAM	Low	868.95	-28.71
		High	894.05	-28.77
	64QAM	Low	868.95	-27.94
		High	894.05	-28.80
	256QAM	Low	868.63	-29.35
		High	894.05	-27.16
1	QPSK	Low	868.95	-28.33
		High	894.05	-27.94
	16QAM	Low	868.95	-29.44
		High	894.05	-28.40
	64QAM	Low	868.95	-28.44
		High	894.05	-27.83
	256QAM	Low	868.95	-28.57
		High	894.05	-28.60
2	QPSK	Low	868.84	-28.83
		High	894.76	-27.69
	16QAM	Low	868.95	-28.26
		High	894.36	-26.25
	64QAM	Low	868.95	-28.23
		High	894.49	-25.81
	256QAM	Low	868.20	-28.91
		High	894.05	-27.14
3	QPSK	Low	868.74	-27.65
		High	894.05	-26.56
	16QAM	Low	868.95	-26.13
		High	894.05	-26.28
	64QAM	Low	868.95	-27.67
		High	894.05	-26.54
	256QAM	Low	868.95	-27.05
		High	894.34	-26.88

(2 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.78	-25.65
		High	894.05	-22.19
	16QAM	Low	868.87	-26.49
		High	894.05	-23.73
	64QAM	Low	868.95	-25.29
		High	894.05	-23.60
	256QAM	Low	868.95	-24.68
		High	894.05	-21.51
1	QPSK	Low	868.95	-25.66
		High	894.05	-21.24
	16QAM	Low	868.95	-26.72
		High	894.05	-22.72
	64QAM	Low	868.95	-25.98
		High	894.05	-22.68
	256QAM	Low	868.89	-27.00
		High	894.05	-21.62

(2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-26.84
		High	894.06	-23.86
	16QAM	Low	868.95	-25.77
		High	894.15	-25.33
	64QAM	Low	868.83	-26.28
		High	894.05	-23.41
256QAM	Low	868.95	-26.28	
	High	894.15	-23.30	
1	QPSK	Low	868.95	-26.65
		High	894.15	-23.75
	16QAM	Low	868.95	-26.10
		High	894.08	-25.99
	64QAM	Low	868.95	-26.99
		High	894.14	-25.97
256QAM	Low	868.95	-26.58	
	High	894.10	-25.10	

(2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.90	-25.20
		High	894.05	-22.73
	16QAM	Low	868.95	-26.24
		High	894.05	-23.02
	64QAM	Low	868.77	-26.39
		High	894.05	-23.41
	256QAM	Low	868.86	-25.46
		High	894.05	-23.22
1	QPSK	Low	868.95	-25.44
		High	894.06	-22.78
	16QAM	Low	868.95	-26.87
		High	894.05	-22.57
	64QAM	Low	868.95	-26.20
		High	894.05	-21.42
	256QAM	Low	868.92	-26.85
		High	894.08	-23.55

(4 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-28.21
		High	894.03	-30.08
	16QAM	Low	868.95	-28.29
		High	894.03	-28.67
	64QAM	Low	868.95	-29.62
		High	894.03	-29.98
256QAM	Low	868.95	-29.35	
	High	894.03	-28.38	
1	QPSK	Low	868.95	-28.57
		High	894.03	-29.04
	16QAM	Low	868.95	-29.51
		High	894.03	-29.54
	64QAM	Low	868.95	-28.45
		High	894.03	-29.75
256QAM	Low	868.95	-28.51	
	High	894.03	-28.75	
2	QPSK	Low	868.95	-25.57
		High	894.03	-26.90
	16QAM	Low	868.95	-26.02
		High	894.03	-28.54
	64QAM	Low	868.56	-26.34
		High	894.03	-26.78
256QAM	Low	868.95	-25.95	
	High	894.03	-26.65	
3	QPSK	Low	868.95	-26.63
		High	894.03	-27.26
	16QAM	Low	868.95	-25.69
		High	894.03	-27.28
	64QAM	Low	868.77	-26.89
		High	894.03	-27.74
256QAM	Low	868.95	-25.18	
	High	894.03	-27.11	

(4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-29.00
		High	894.12	-28.12
	16QAM	Low	868.64	-29.56
		High	894.23	-29.09
	64QAM	Low	868.95	-27.81
		High	894.68	-27.94
	256QAM	Low	868.51	-29.39
		High	894.23	-28.84
1	QPSK	Low	868.95	-29.17
		High	894.30	-29.25
	16QAM	Low	868.95	-29.17
		High	894.15	-27.23
	64QAM	Low	868.95	-29.01
		High	894.04	-28.19
	256QAM	Low	868.95	-29.15
		High	894.41	-29.42
2	QPSK	Low	868.84	-27.24
		High	894.03	-26.90
	16QAM	Low	868.95	-27.01
		High	894.83	-26.76
	64QAM	Low	868.95	-27.11
		High	894.07	-27.14
	256QAM	Low	868.95	-26.92
		High	894.11	-26.46
3	QPSK	Low	868.81	-27.42
		High	894.03	-26.58
	16QAM	Low	868.95	-25.76
		High	894.91	-25.84
	64QAM	Low	868.95	-26.82
		High	894.75	-26.86
	256QAM	Low	868.95	-26.78
		High	894.33	-26.44

(4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-27.40
		High	894.05	-24.97
	16QAM	Low	868.95	-29.25
		High	894.05	-25.47
	64QAM	Low	868.00	-27.91
		High	894.05	-25.12
256QAM	Low	868.78	-28.11	
	High	894.06	-25.16	
1	QPSK	Low	868.95	-28.71
		High	894.05	-25.54
	16QAM	Low	868.95	-28.32
		High	894.05	-25.44
	64QAM	Low	868.63	-29.61
		High	894.05	-22.77
256QAM	Low	868.95	-29.04	
	High	894.07	-27.19	
2	QPSK	Low	868.86	-28.07
		High	894.06	-24.38
	16QAM	Low	868.95	-26.78
		High	894.07	-25.76
	64QAM	Low	868.92	-27.34
		High	894.05	-23.88
256QAM	Low	868.95	-27.10	
	High	894.05	-23.84	
3	QPSK	Low	868.75	-27.16
		High	894.06	-23.81
	16QAM	Low	868.28	-27.09
		High	894.05	-24.30
	64QAM	Low	868.95	-26.55
		High	894.06	-24.10
256QAM	Low	868.17	-26.65	
	High	894.06	-25.11	

Tabular Data of Non-Contiguous Out-of-band Unwanted Emissions
(2 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.98	-22.41
		High	894.03	-23.85
	16QAM	Low	868.98	-21.49
		High	894.03	-22.71
	64QAM	Low	868.98	-22.28
		High	894.03	-21.63
	256QAM	Low	868.98	-23.00
		High	894.03	-23.83
1	QPSK	Low	868.98	-22.50
		High	894.03	-23.30
	16QAM	Low	868.98	-22.06
		High	894.03	-22.13
	64QAM	Low	868.98	-23.72
		High	894.03	-23.29
	256QAM	Low	868.98	-22.79
		High	894.03	-23.28

(2 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-25.67
		High	894.14	-25.61
	16QAM	Low	868.95	-25.83
		High	894.62	-25.60
	64QAM	Low	868.95	-25.80
		High	894.05	-24.89
	256QAM	Low	868.95	-25.86
		High	894.05	-25.44
1	QPSK	Low	868.95	-25.79
		High	894.05	-22.74
	16QAM	Low	868.95	-25.30
		High	894.85	-25.04
	64QAM	Low	868.95	-25.83
		High	894.05	-23.82
	256QAM	Low	868.95	-25.20
		High	894.05	-23.44

(2 Port)B5 DSS 10 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-25.65
		High	894.05	-24.47
	16QAM	Low	868.95	-26.29
		High	894.05	-24.87
	64QAM	Low	868.95	-24.97
		High	894.25	-24.22
	256QAM	Low	868.95	-26.15
		High	894.35	-23.57
1	QPSK	Low	868.85	-26.45
		High	894.27	-25.19
	16QAM	Low	868.95	-26.13
		High	894.05	-25.07
	64QAM	Low	868.95	-26.27
		High	894.60	-24.40
	256QAM	Low	868.40	-26.25
		High	894.76	-24.88

(2 Port)5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.98	-21.79
		High	894.03	-23.28
	16QAM	Low	868.94	-22.34
		High	894.03	-21.71
	64QAM	Low	868.98	-22.67
		High	894.03	-23.03
	256QAM	Low	868.98	-21.65
		High	894.03	-22.43
1	QPSK	Low	868.97	-22.39
		High	894.04	-22.65
	16QAM	Low	868.98	-22.42
		High	894.03	-22.77
	64QAM	Low	868.98	-21.60
		High	894.03	-22.67
	256QAM	Low	868.98	-23.34
		High	894.03	-23.32

(2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.86	-26.21
		High	894.03	-25.90
	16QAM	Low	868.95	-23.85
		High	894.03	-24.68
	64QAM	Low	868.95	-24.49
		High	894.03	-25.05
	256QAM	Low	868.95	-25.23
		High	894.03	-25.55
1	QPSK	Low	868.30	-25.52
		High	894.03	-24.73
	16QAM	Low	868.95	-23.88
		High	894.51	-35.57
	64QAM	Low	868.77	-24.60
		High	894.03	-24.11
	256QAM	Low	868.95	-25.53
		High	894.40	-30.29

(2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-25.05
		High	894.11	-24.43
	16QAM	Low	868.95	-25.01
		High	894.63	-24.67
	64QAM	Low	868.80	-26.06
		High	894.13	-24.53
	256QAM	Low	868.95	-26.15
		High	894.05	-24.69
1	QPSK	Low	868.95	-26.32
		High	894.26	-24.71
	16QAM	Low	868.95	-25.58
		High	894.41	-24.23
	64QAM	Low	868.95	-25.32
		High	894.05	-23.58
	256QAM	Low	868.73	-26.91
		High	894.05	-23.87

(4 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.98	-24.57
		High	894.03	-26.96
	16QAM	Low	868.98	-25.48
		High	894.03	-25.40
	64QAM	Low	868.98	-24.78
		High	894.03	-26.76
	256QAM	Low	868.98	-25.02
		High	894.03	-25.74
1	QPSK	Low	868.98	-25.39
		High	894.03	-25.79
	16QAM	Low	868.98	-24.71
		High	894.03	-24.40
	64QAM	Low	868.98	-24.52
		High	894.03	-26.01
	256QAM	Low	868.98	-24.98
		High	894.03	-25.19
2	QPSK	Low	868.98	-23.09
		High	894.03	-25.56
	16QAM	Low	868.98	-25.22
		High	894.03	-23.98
	64QAM	Low	868.98	-23.52
		High	894.03	-25.08
	256QAM	Low	868.98	-23.15
		High	894.03	-25.03
3	QPSK	Low	868.98	-22.82
		High	894.03	-25.97
	16QAM	Low	868.98	-23.64
		High	894.03	-25.31
	64QAM	Low	868.98	-22.84
		High	894.03	-25.17
	256QAM	Low	868.98	-22.68
		High	894.03	-24.66

(4 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-27.73
		High	894.05	-26.55
	16QAM	Low	868.95	-27.34
		High	894.20	-28.12
	64QAM	Low	868.95	-28.27
		High	894.05	-26.14
256QAM	Low	868.95	-28.68	
	High	894.05	-26.92	
1	QPSK	Low	868.95	-26.50
		High	894.48	-25.93
	16QAM	Low	868.95	-28.89
		High	894.05	-27.89
	64QAM	Low	868.95	-27.32
		High	894.30	-25.42
256QAM	Low	868.95	-27.16	
	High	894.05	-26.05	
2	QPSK	Low	868.95	-27.48
		High	894.05	-26.49
	16QAM	Low	868.95	-26.68
		High	894.05	-26.55
	64QAM	Low	868.95	-27.26
		High	894.05	-26.00
256QAM	Low	868.95	-26.66	
	High	894.05	-25.91	
3	QPSK	Low	868.95	-26.58
		High	894.05	-24.52
	16QAM	Low	868.95	-26.53
		High	894.31	-25.74
	64QAM	Low	868.34	-27.20
		High	894.05	-24.65
256QAM	Low	868.95	-26.18	
	High	894.05	-25.31	

(4 Port)B5 DSS 10 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-27.98
		High	894.05	-28.09
	16QAM	Low	868.95	-29.12
		High	894.05	-27.28
	64QAM	Low	868.95	-27.24
		High	894.05	-28.09
256QAM	Low	868.95	-28.83	
	High	894.05	-26.94	
1	QPSK	Low	868.95	-28.32
		High	894.05	-27.15
	16QAM	Low	868.95	-28.18
		High	894.05	-27.98
	64QAM	Low	868.95	-29.85
		High	894.05	-27.71
256QAM	Low	868.95	-29.89	
	High	894.05	-27.48	
2	QPSK	Low	868.54	-25.82
		High	894.89	-25.29
	16QAM	Low	868.54	-25.89
		High	894.05	-24.72
	64QAM	Low	868.95	-25.81
		High	894.22	-25.26
256QAM	Low	868.84	-25.92	
	High	894.16	-24.79	
3	QPSK	Low	868.95	-26.37
		High	894.31	-24.80
	16QAM	Low	868.40	-26.41
		High	894.05	-25.99
	64QAM	Low	868.95	-26.91
		High	894.25	-25.25
256QAM	Low	868.95	-26.34	
	High	894.65	-24.08	

(4 Port)5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.98	-23.73
		High	894.03	-25.11
	16QAM	Low	868.98	-24.83
		High	894.03	-25.33
	64QAM	Low	868.98	-36.83
		High	894.03	-27.33
	256QAM	Low	868.98	-26.25
		High	894.03	-25.14
1	QPSK	Low	868.98	-24.88
		High	894.03	-24.84
	16QAM	Low	868.98	-25.47
		High	894.03	-24.96
	64QAM	Low	868.98	-26.50
		High	894.03	-25.52
	256QAM	Low	868.98	-25.58
		High	894.03	-24.88
2	QPSK	Low	868.98	-23.63
		High	894.03	-24.21
	16QAM	Low	868.98	-24.05
		High	894.03	-24.65
	64QAM	Low	868.98	-24.97
		High	894.03	-24.24
	256QAM	Low	868.98	-24.56
		High	894.03	-24.71
3	QPSK	Low	868.98	-24.80
		High	894.03	-25.19
	16QAM	Low	868.98	-25.16
		High	894.03	-24.16
	64QAM	Low	868.98	-23.67
		High	894.03	-24.88
	256QAM	Low	868.98	-24.72
		High	894.03	-25.18

(4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-27.72
		High	894.03	-27.62
	16QAM	Low	868.95	-26.65
		High	894.03	-26.56
	64QAM	Low	868.95	-27.64
		High	894.03	-28.09
256QAM	Low	868.95	-27.08	
	High	894.03	-27.19	
1	QPSK	Low	868.95	-28.51
		High	894.03	-28.36
	16QAM	Low	868.95	-28.38
		High	894.03	-27.70
	64QAM	Low	868.95	-27.41
		High	894.03	-26.27
256QAM	Low	868.95	-29.44	
	High	894.03	-27.82	
2	QPSK	Low	868.68	-26.87
		High	894.03	-26.63
	16QAM	Low	868.69	-26.36
		High	894.03	-26.17
	64QAM	Low	868.95	-26.30
		High	894.03	-27.02
256QAM	Low	868.86	-27.06	
	High	894.03	-26.20	
3	QPSK	Low	868.95	-26.34
		High	894.03	-27.35
	16QAM	Low	868.69	-24.46
		High	894.03	-26.57
	64QAM	Low	868.95	-26.47
		High	894.03	-25.63
256QAM	Low	868.95	-26.64	
	High	894.03	-27.55	

(4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-28.32
		High	894.05	-26.58
	16QAM	Low	868.95	-28.41
		High	894.05	-27.95
	64QAM	Low	868.95	-27.89
		High	894.05	-26.64
256QAM	Low	868.95	-28.10	
	High	894.18	-27.12	
1	QPSK	Low	868.95	-28.59
		High	894.05	-27.14
	16QAM	Low	868.95	-29.22
		High	894.65	-26.85
	64QAM	Low	868.95	-28.72
		High	894.47	-27.32
256QAM	Low	868.95	-28.38	
	High	894.05	-27.05	
2	QPSK	Low	868.95	-27.24
		High	894.05	-25.62
	16QAM	Low	868.95	-27.92
		High	894.05	-26.81
	64QAM	Low	868.95	-26.66
		High	894.05	-26.14
256QAM	Low	868.44	-26.71	
	High	894.11	-26.05	
3	QPSK	Low	868.95	-25.85
		High	894.91	-25.81
	16QAM	Low	868.95	-27.08
		High	894.82	-25.92
	64QAM	Low	868.95	-25.54
		High	894.05	-25.82
256QAM	Low	868.95	-26.82	
	High	894.05	-26.01	

(2 Port)B5 LTE B5 5 MHz 1 Carrier + (5G NR n5 5 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier) [3 Carrier](1C+2C)

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.98	-27.02
		High	894.64	-24.38
	16QAM	Low	868.98	-27.11
		High	894.30	-25.20
	64QAM	Low	868.98	-26.11
		High	894.12	-25.27
	256QAM	Low	868.98	-26.40
		High	894.89	-24.03
1	QPSK	Low	868.98	-27.17
		High	894.38	-24.63
	16QAM	Low	868.98	-27.16
		High	894.86	-25.43
	64QAM	Low	868.98	-27.00
		High	894.08	-24.16
	256QAM	Low	868.98	-25.74
		High	894.59	-24.62

(2 Port)(B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier) + LTE B5 5 MHz 1 Carrier [3 Carrier](2C+1C)

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.90	-26.17
		High	894.03	-26.69
	16QAM	Low	868.93	-26.02
		High	894.03	-26.53
	64QAM	Low	868.93	-25.79
		High	894.03	-26.28
	256QAM	Low	868.93	-25.49
		High	894.03	-26.98
1	QPSK	Low	868.93	-27.09
		High	894.03	-26.94
	16QAM	Low	868.88	-26.14
		High	894.03	-27.13
	64QAM	Low	868.91	-26.91
		High	894.03	-27.34
	256QAM	Low	868.88	-27.52
		High	894.03	-26.10

(4 Port)B5 LTE 5 MHz 1 Carrier + (5G NR n5 5 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier) [3 Carrier](1C+2C)

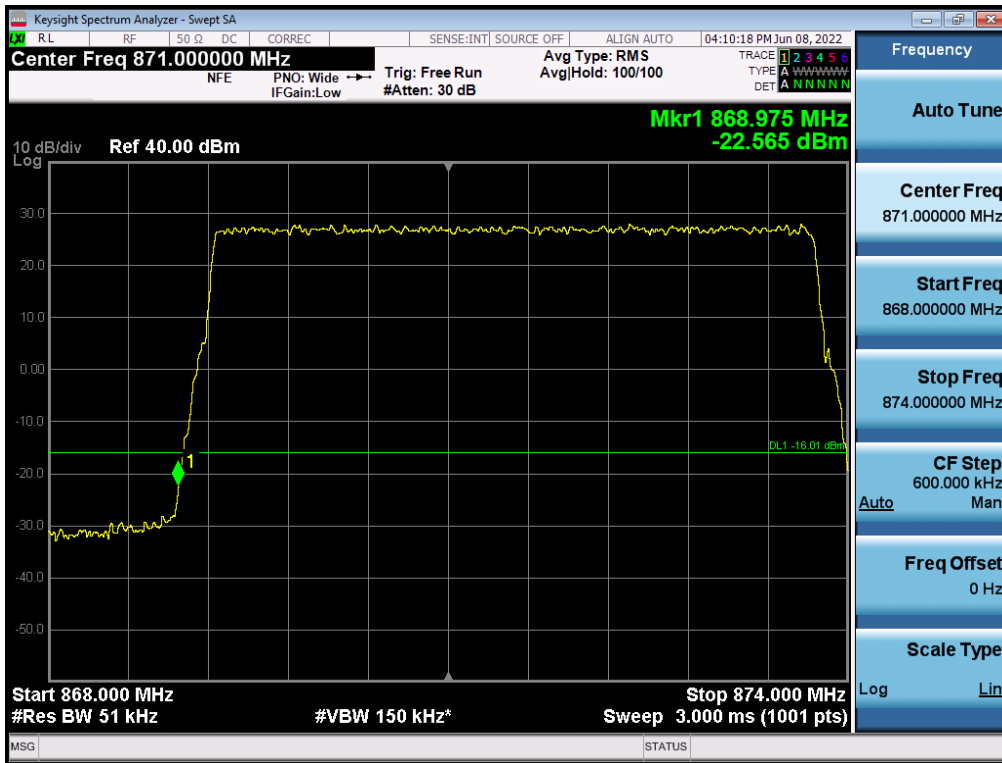
Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.98	-28.42
		High	894.08	-26.80
	16QAM	Low	868.98	-30.37
		High	894.52	-28.93
	64QAM	Low	868.98	-27.66
		High	894.22	-27.04
256QAM	Low	868.98	-27.56	
	High	894.93	-25.03	
1	QPSK	Low	868.98	-29.18
		High	894.26	-28.01
	16QAM	Low	868.98	-28.58
		High	894.30	-27.54
	64QAM	Low	868.98	-28.91
		High	894.26	-27.94
256QAM	Low	868.98	-27.53	
	High	894.08	-27.69	
2	QPSK	Low	868.98	-28.45
		High	894.14	-25.29
	16QAM	Low	868.98	-28.53
		High	894.73	-25.07
	64QAM	Low	868.98	-28.32
		High	894.08	-25.11
256QAM	Low	868.98	-27.15	
	High	894.31	-25.26	
3	QPSK	Low	868.98	-27.23
		High	894.71	-25.15
	16QAM	Low	868.98	-27.16
		High	894.46	-25.27
	64QAM	Low	868.98	-28.55
		High	894.42	-25.38
256QAM	Low	868.98	-28.21	
	High	894.12	-25.67	

(4 Port)(B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier) + LTE B5 5 MHz 1 Carrier [3 Carrier](2C+1C)

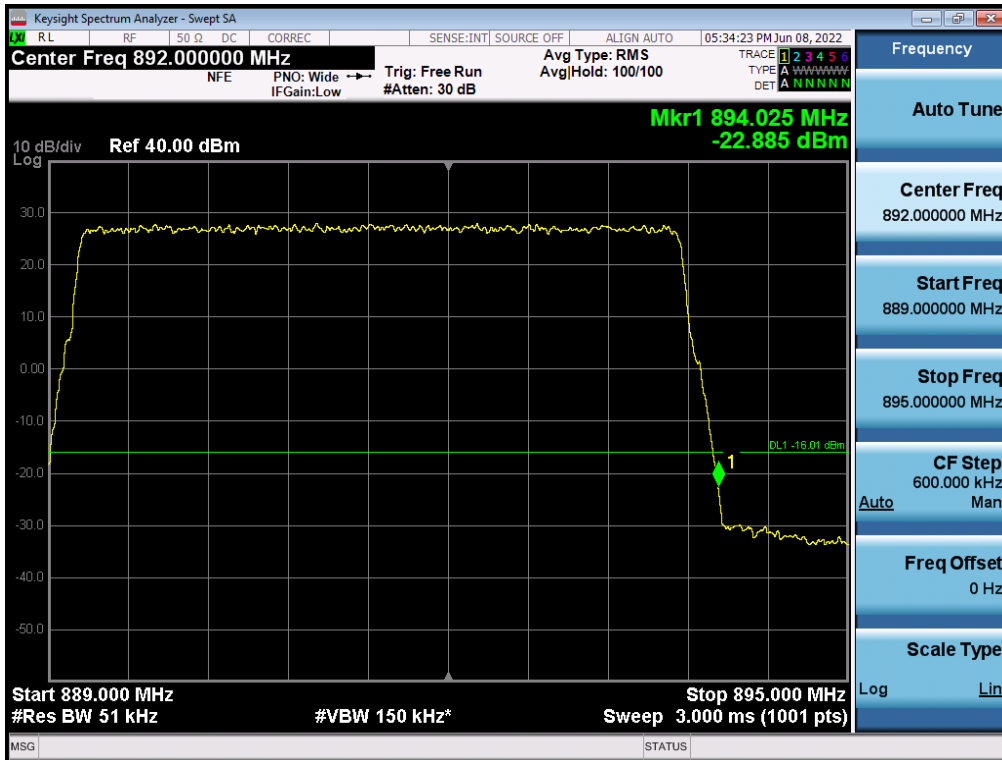
Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.93	-28.38
		High	894.03	-28.54
	16QAM	Low	868.83	-28.24
		High	894.03	-28.42
	64QAM	Low	868.78	-28.85
		High	894.03	-29.16
	256QAM	Low	868.72	-28.61
		High	894.03	-29.28
1	QPSK	Low	868.93	-29.19
		High	894.03	-28.37
	16QAM	Low	868.85	-30.12
		High	894.03	-29.48
	64QAM	Low	868.81	-28.61
		High	894.03	-27.72
	256QAM	Low	868.81	-29.22
		High	894.03	-27.88
2	QPSK	Low	868.76	-26.02
		High	894.03	-28.48
	16QAM	Low	868.20	-27.32
		High	894.03	-27.58
	64QAM	Low	868.22	-26.21
		High	894.03	-27.66
	256QAM	Low	868.69	-26.83
		High	894.03	-26.98
3	QPSK	Low	868.77	-26.70
		High	894.03	-27.30
	16QAM	Low	868.88	-25.72
		High	894.03	-27.34
	64QAM	Low	868.54	-26.87
		High	894.03	-26.72
	256QAM	Low	868.93	-26.92
		High	894.03	-26.72

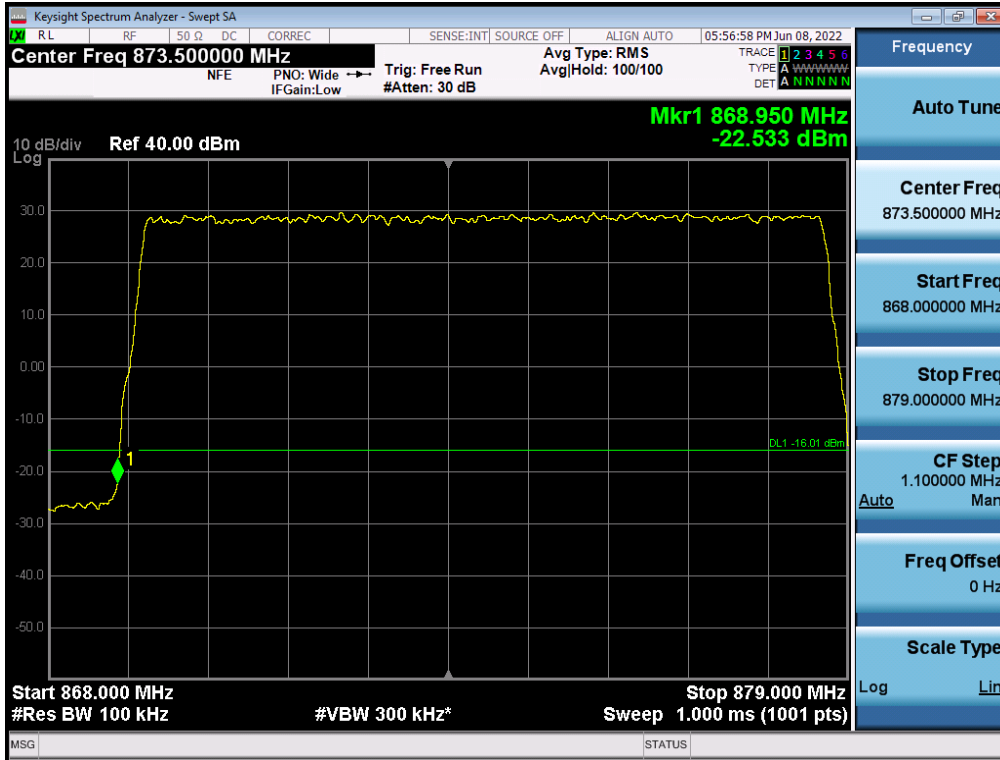
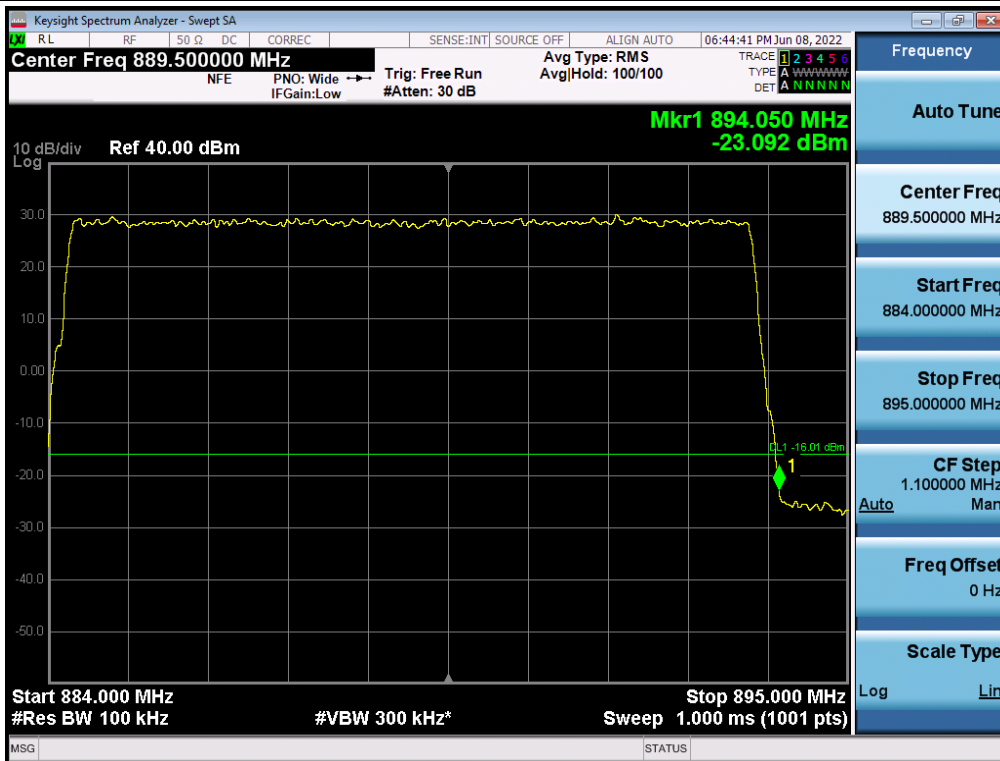
Plot Data of Out-of-band Unwanted Emissions

Antenna 0 / (2 Port)5G NR n5 5 MHz 1 Carrier / 64QAM / Low

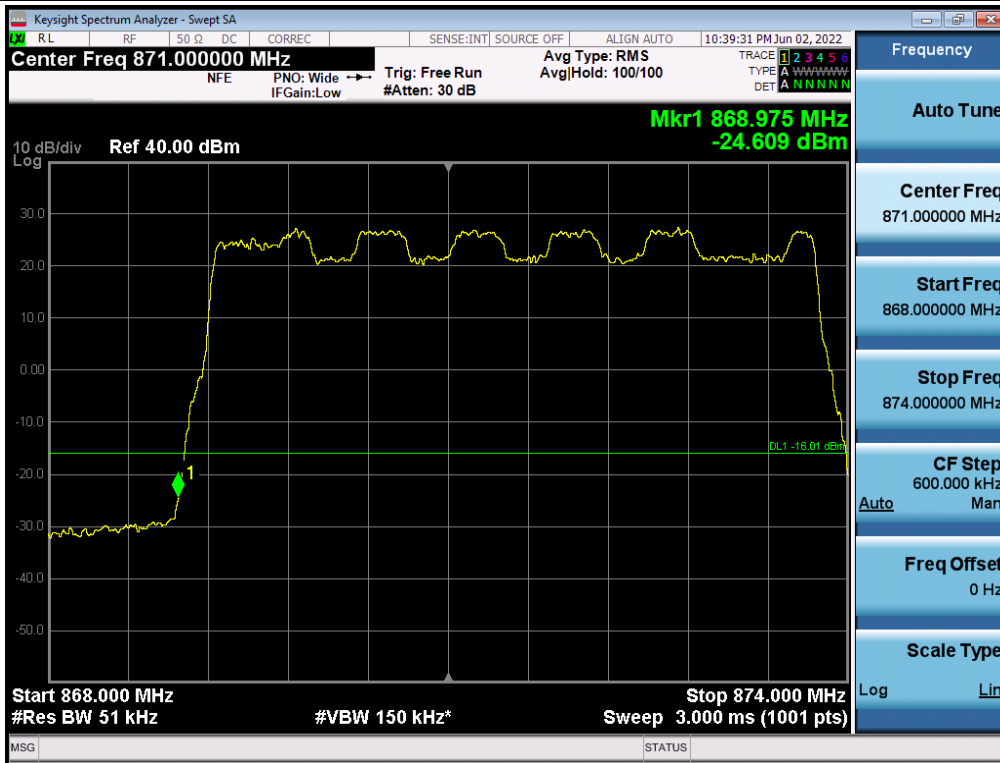


Antenna 1 / (2 Port)5G NR n5 5 MHz 1 Carrier / 256QAM / High

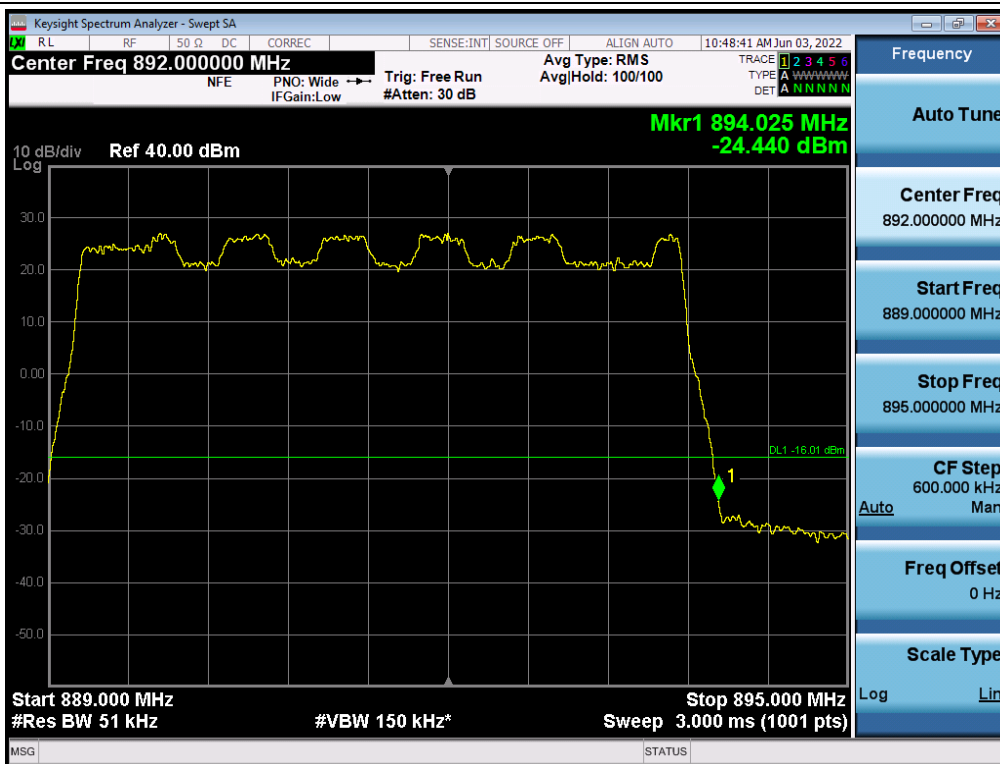


Antenna 1 / (2 Port)5G NR n5 10 MHz 1 Carrier / 64QAM / Low

Antenna 1 / (2 Port)5G NR n5 10 MHz 1 Carrier / QPSK / High


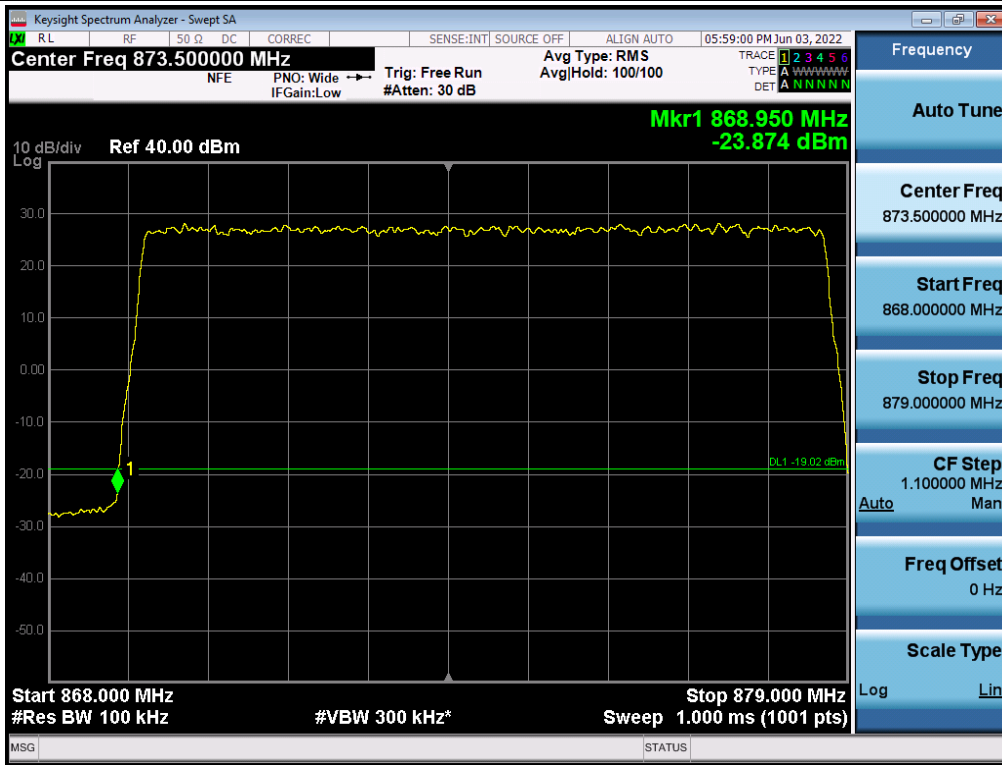
Antenna 3 / (4 Port)5G NR n5 5 MHz 1 Carrier / 16QAM / Low



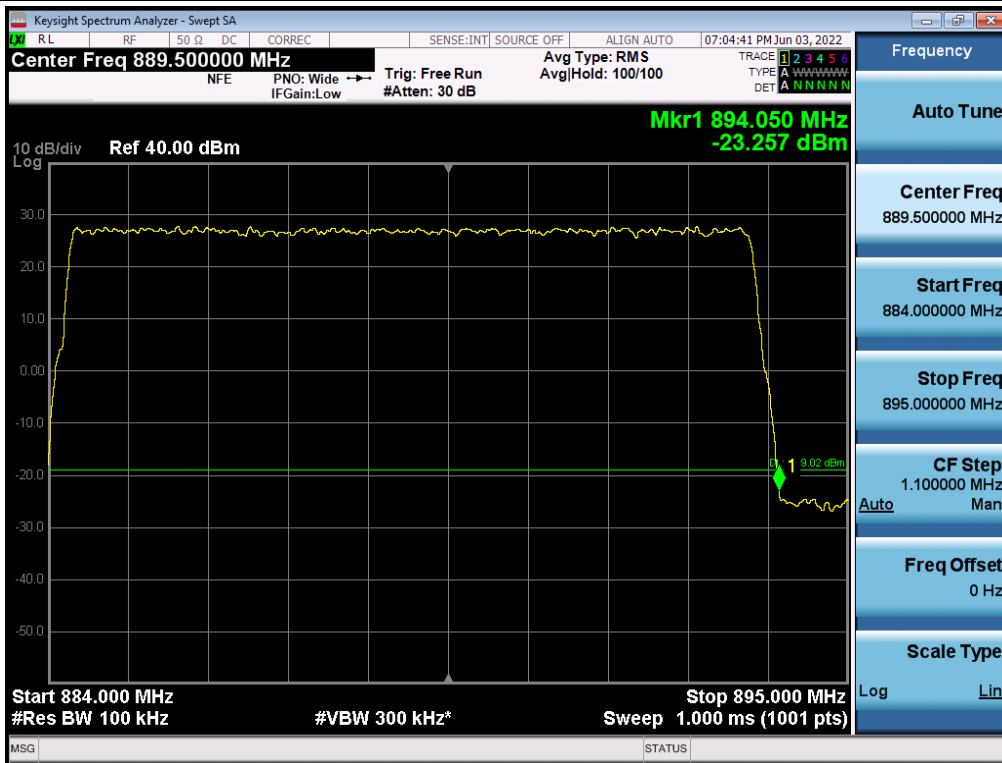
Antenna 3 / (4 Port)5G NR n5 5 MHz 1 Carrier / 16QAM / High



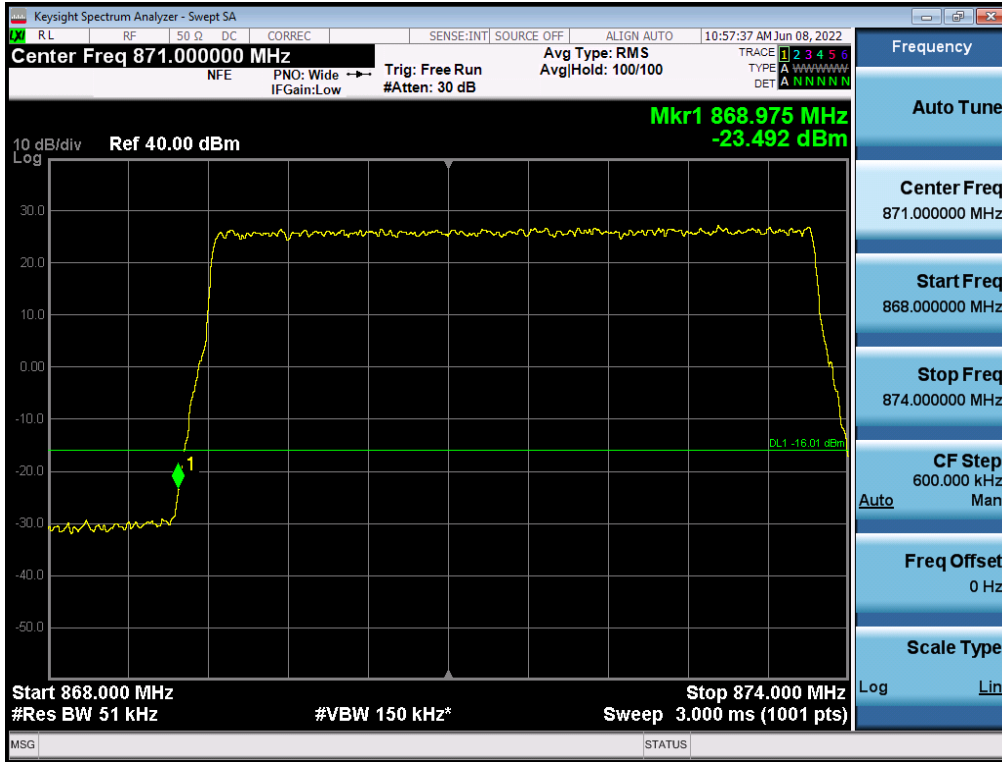
Antenna 3 / (4 Port)5G NR n5 10 MHz 1 Carrier / 64QAM / Low



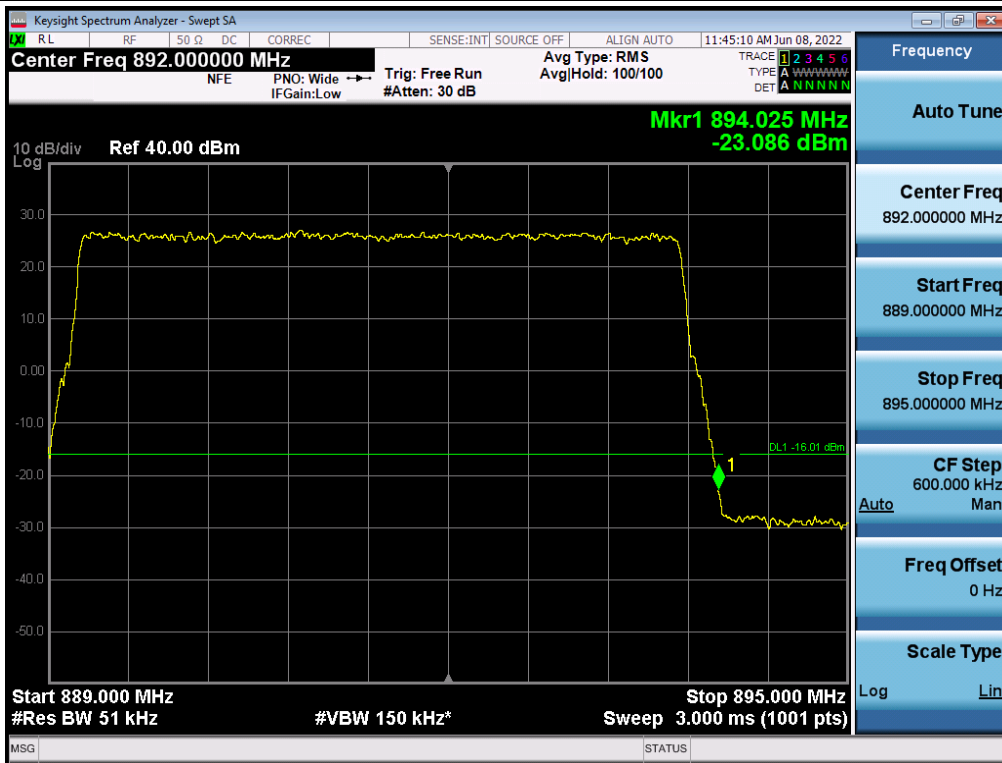
Antenna 1 / (4 Port)5G NR n5 10 MHz 1 Carrier / QPSK / High



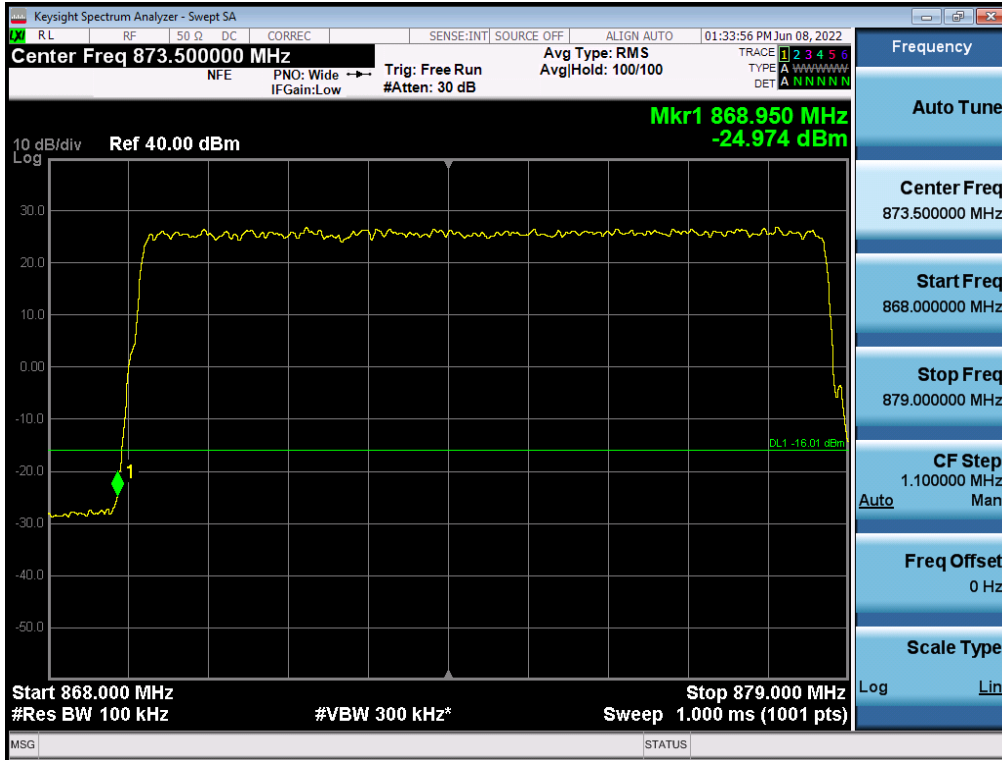
Antenna 1 / (2 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Contiguous / 256QAM / Low



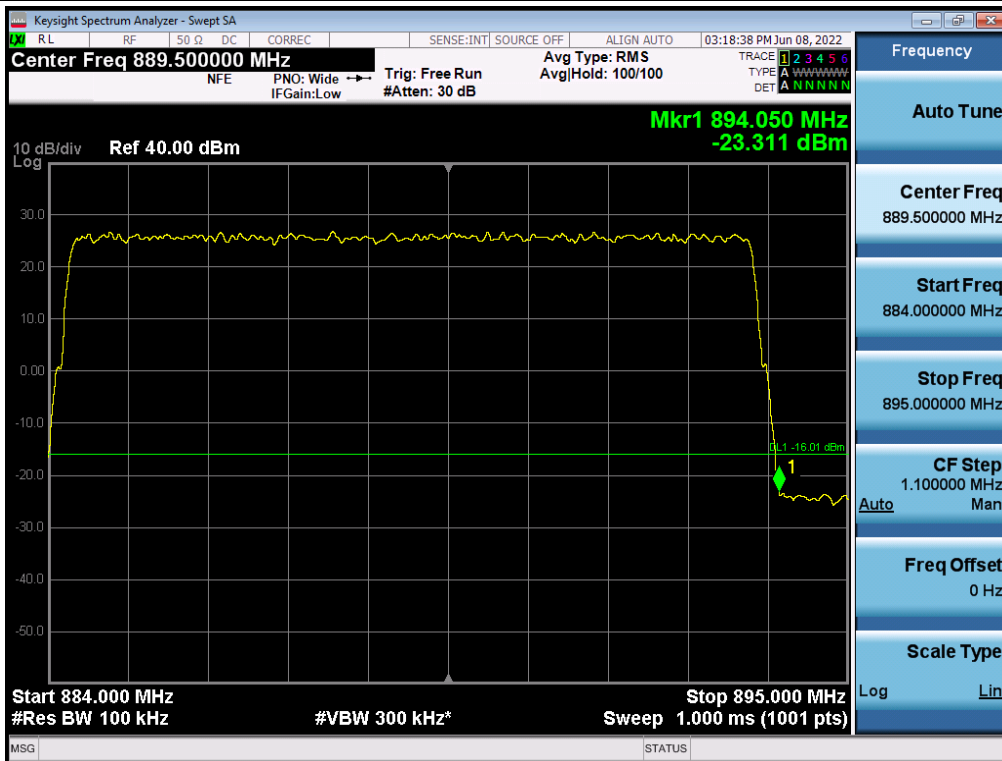
Antenna 1 / (2 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Contiguous / 64QAM / High



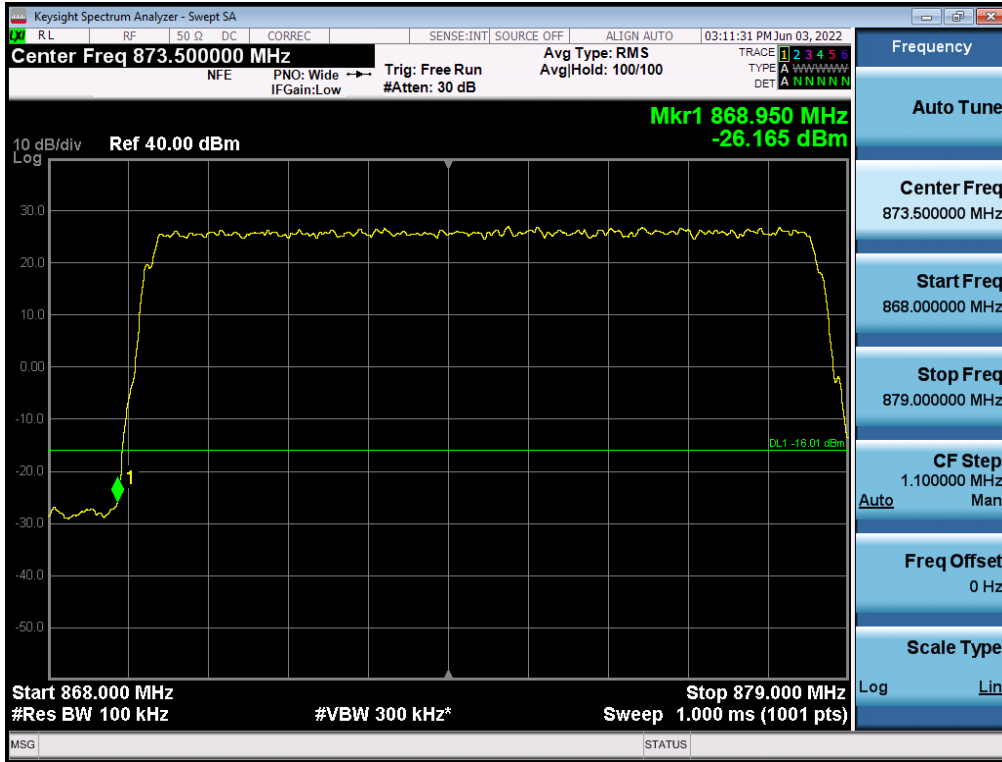
Antenna 1 / (2 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier] / Contiguous / 64QAM / Low



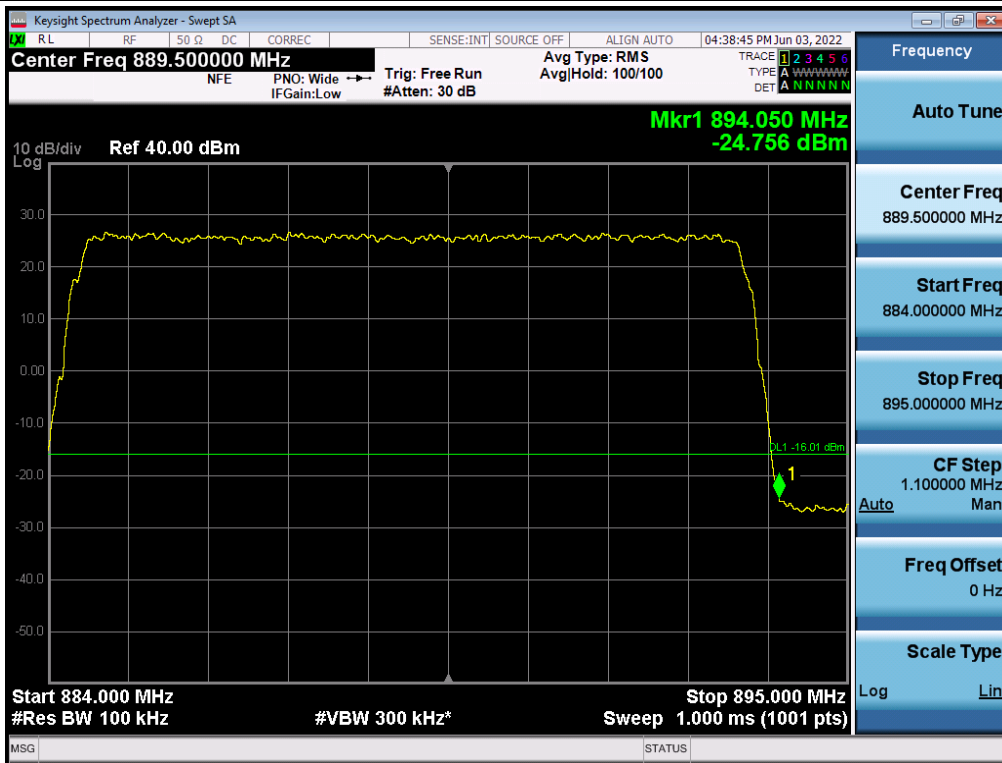
Antenna 1 / (2 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier] / Contiguous / 64QAM / High



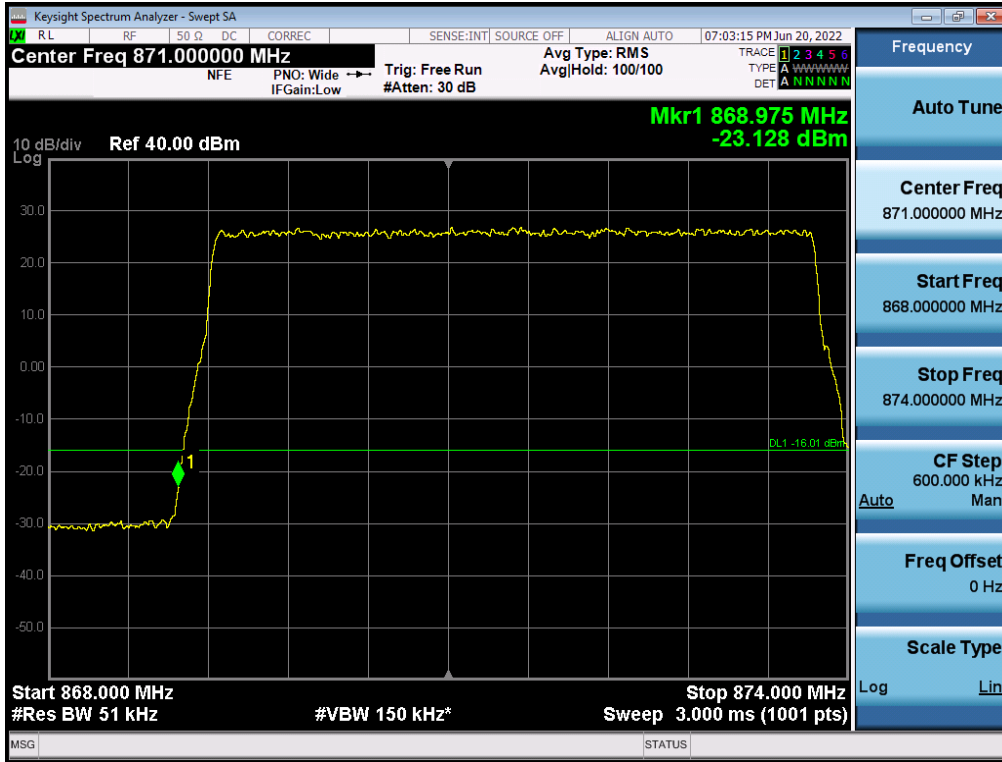
Antenna 1 / (2 Port)B5 DSS 10 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier [2 Carrier] / Contiguous / 256QAM / Low



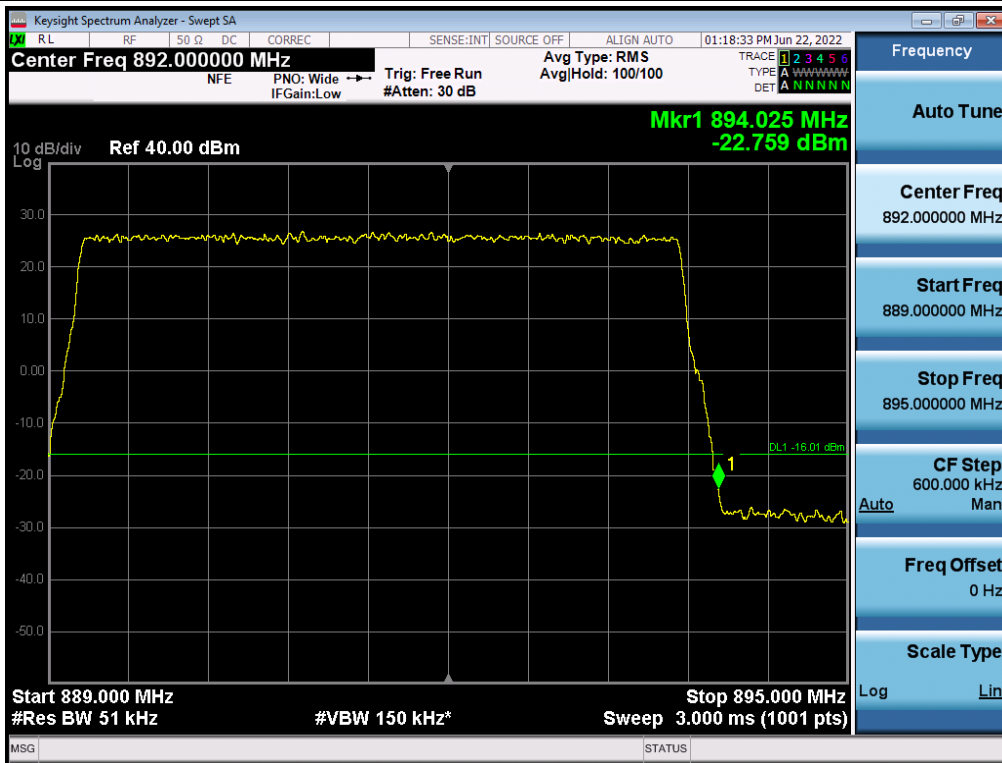
Antenna 1 / (2 Port)B5 DSS 10 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier [2 Carrier] / Contiguous / 256QAM / High

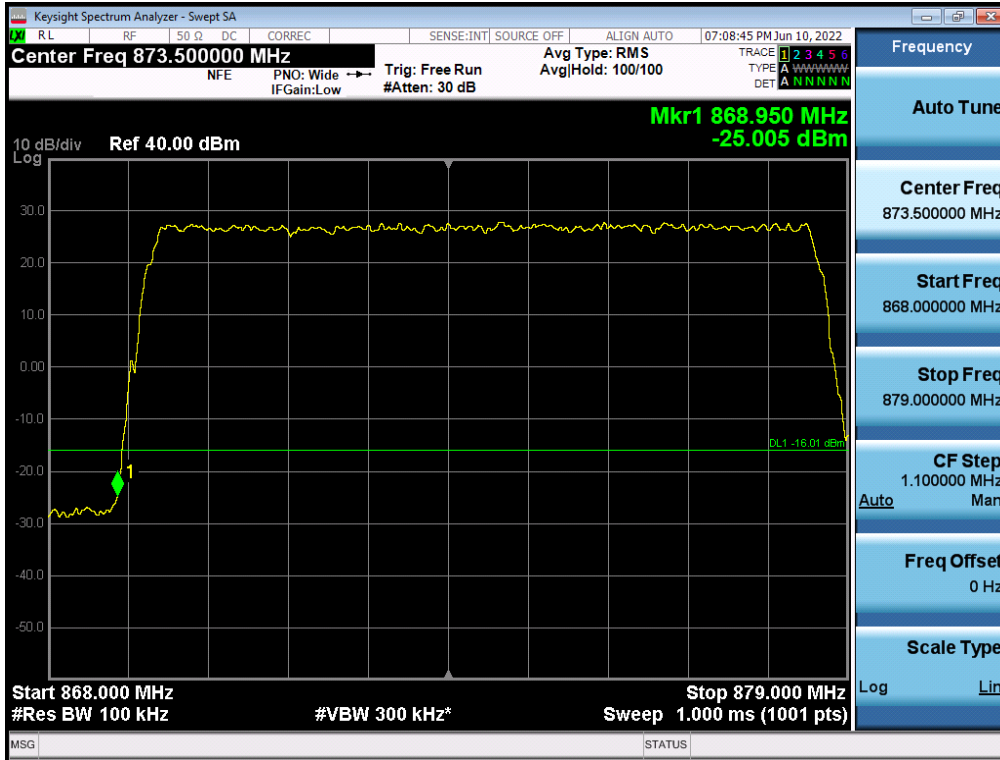
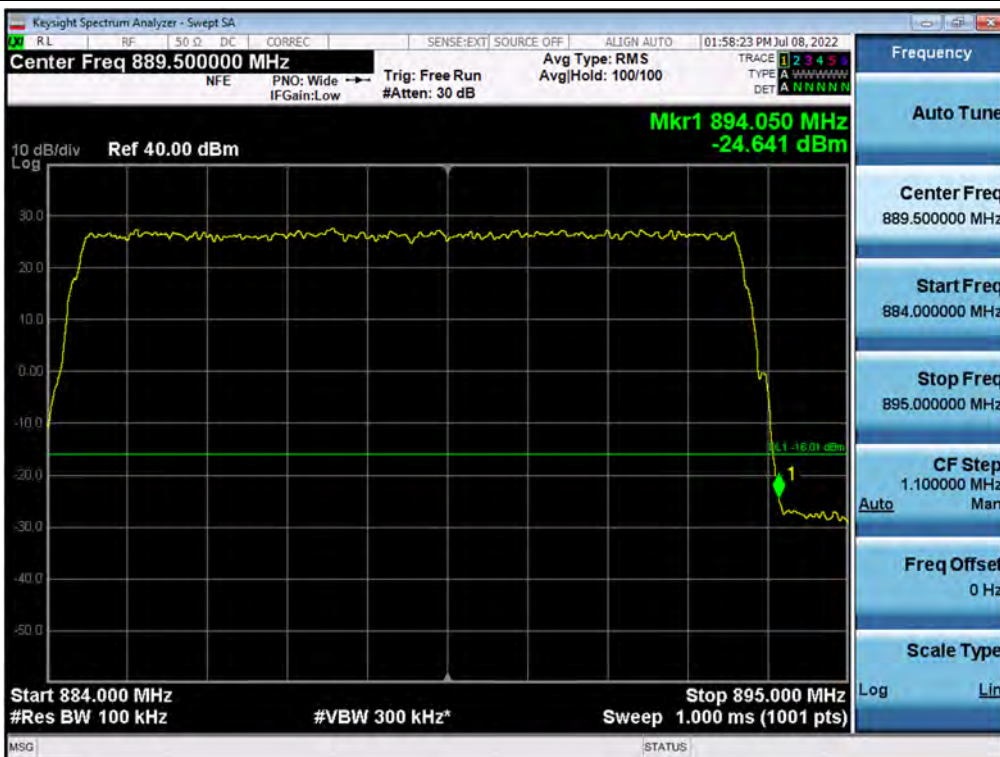


Antenna 1 / (2 Port)5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier] / Contiguous / 256QAM / Low

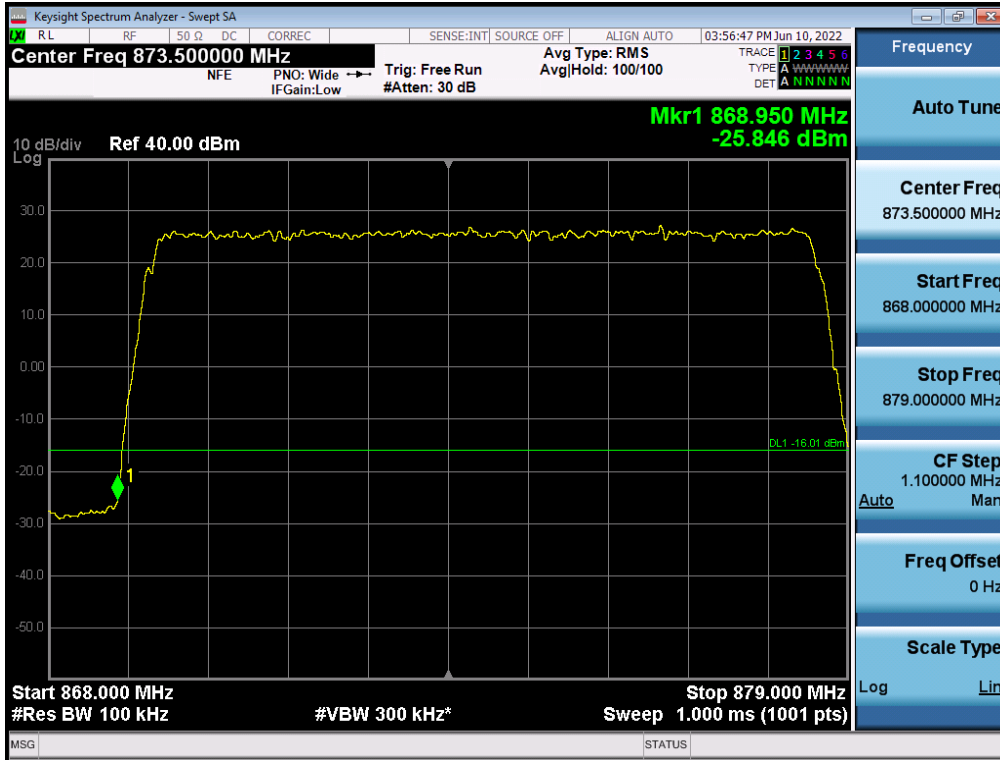


Antenna 0 / (2 Port)5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier] / Contiguous / 256QAM / High

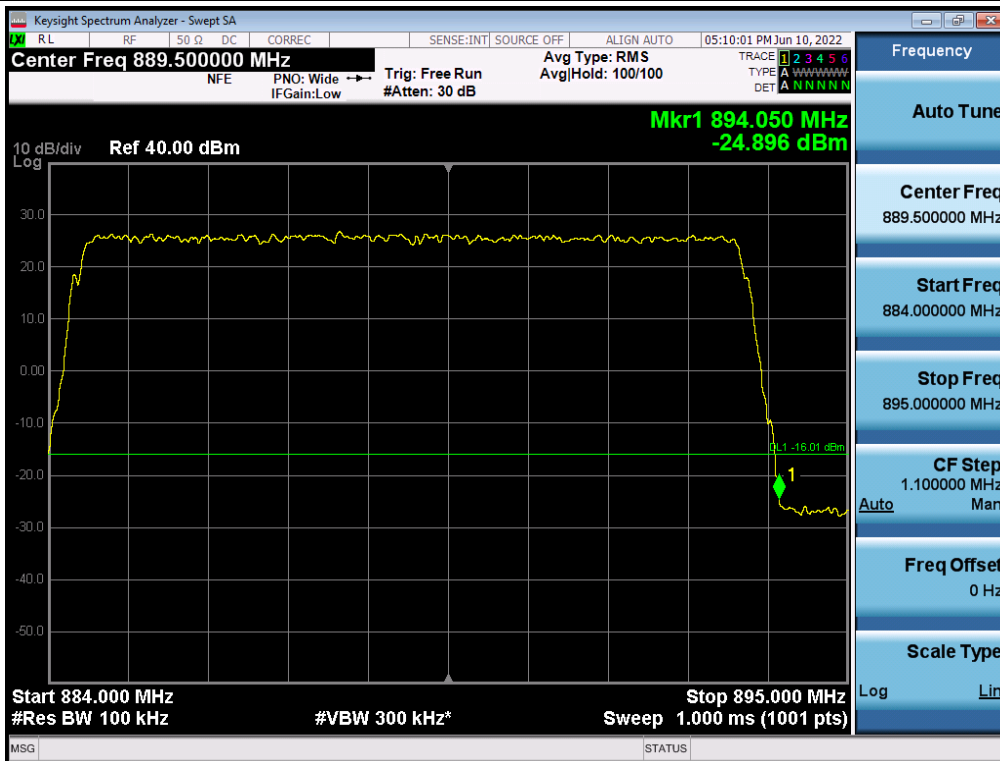


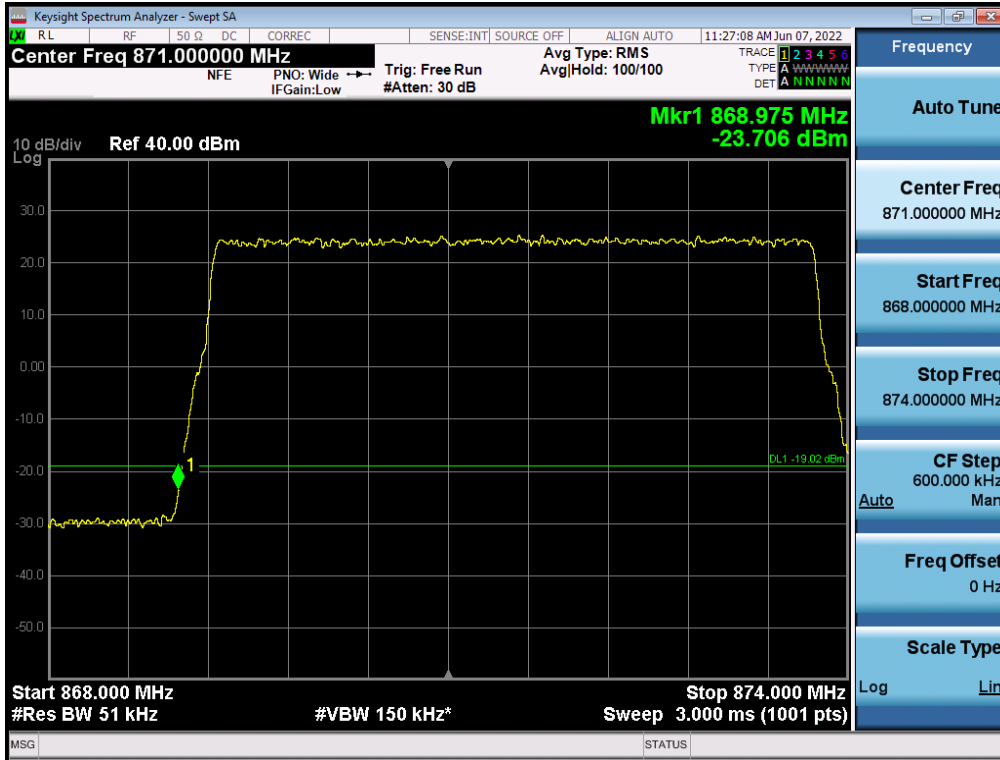
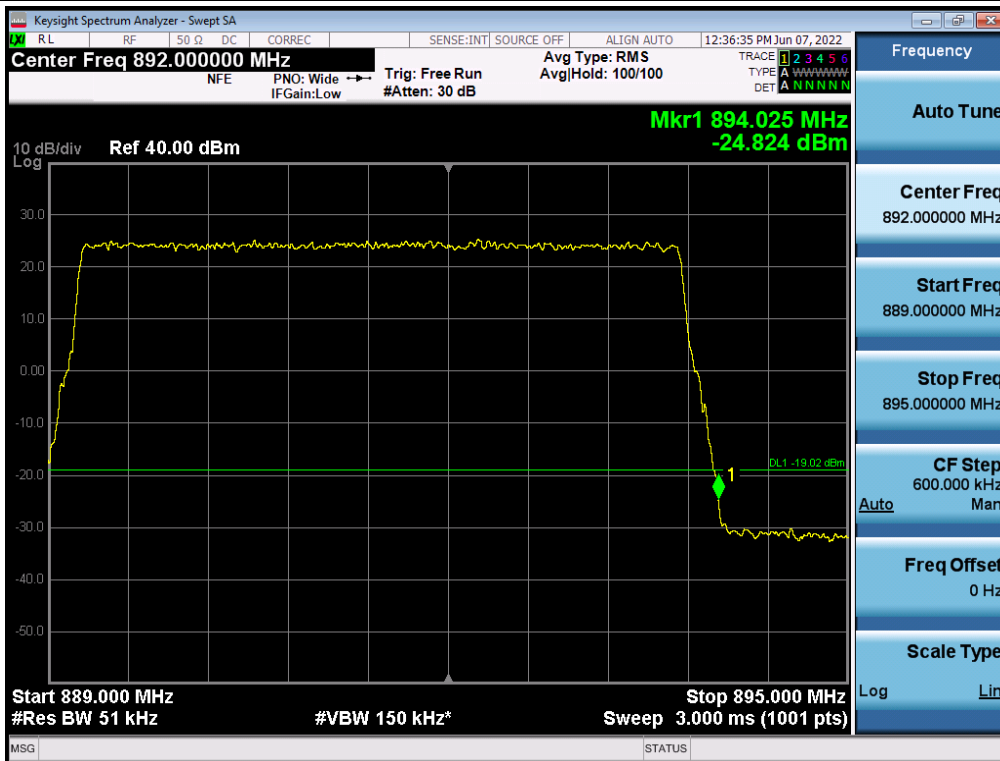
Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Contiguous / 64QAM / Low

Antenna 1 / (2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Contiguous / QPSK / High


Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier] / Contiguous / QPSK / Low

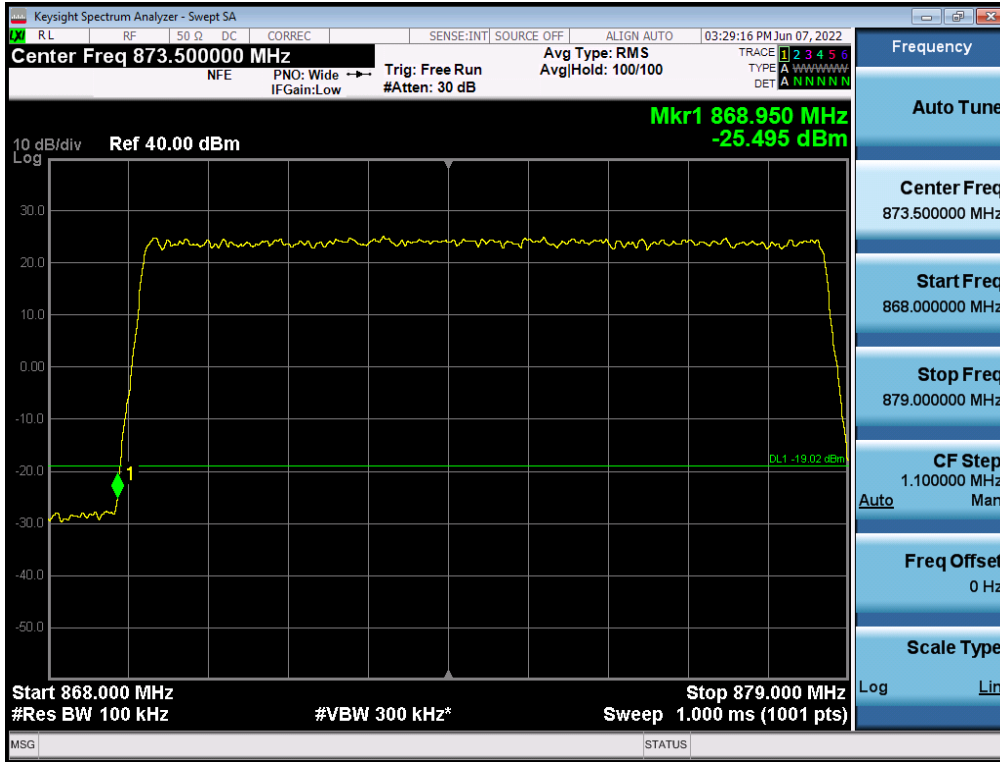


Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier] / Contiguous / 256QAM / High

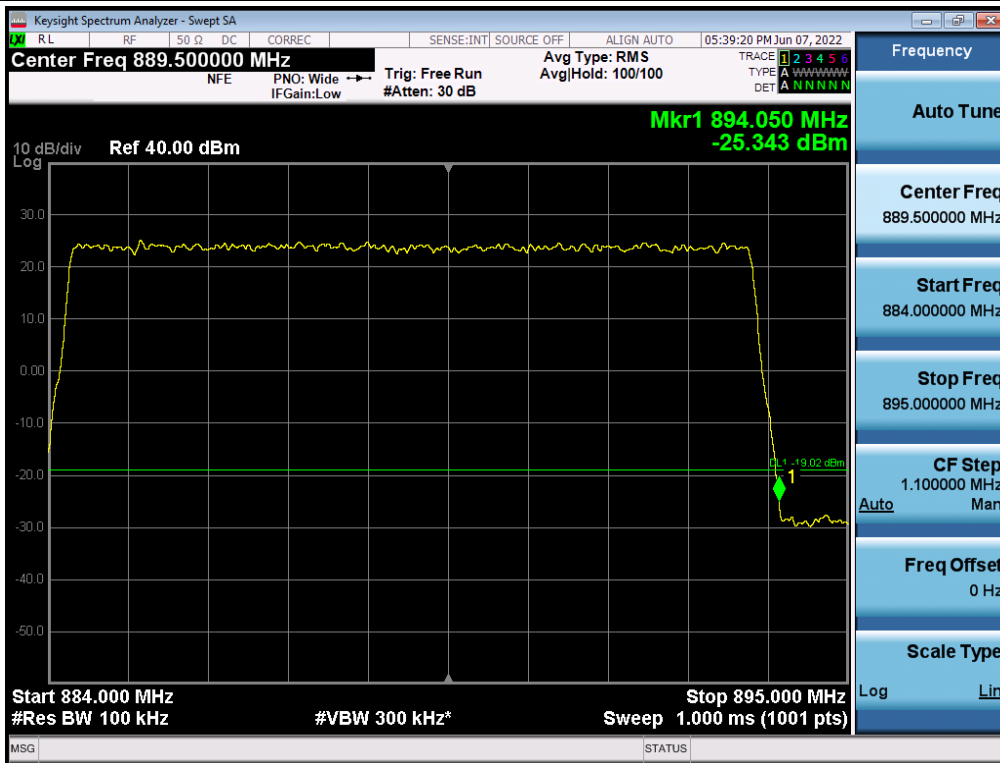


Antenna 3 / (4 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Contiguous / QPSK / Low

Antenna 1 / (4 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Contiguous / 64QAM / High


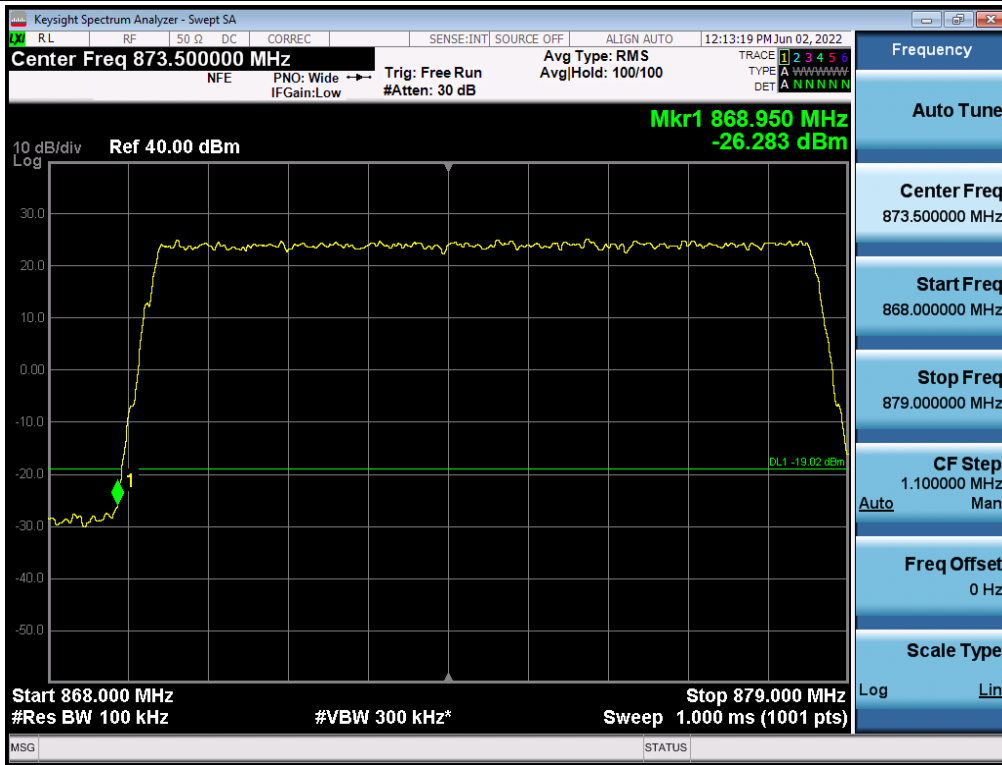
Antenna 2 / (4 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier] / Contiguous / 64QAM / Low



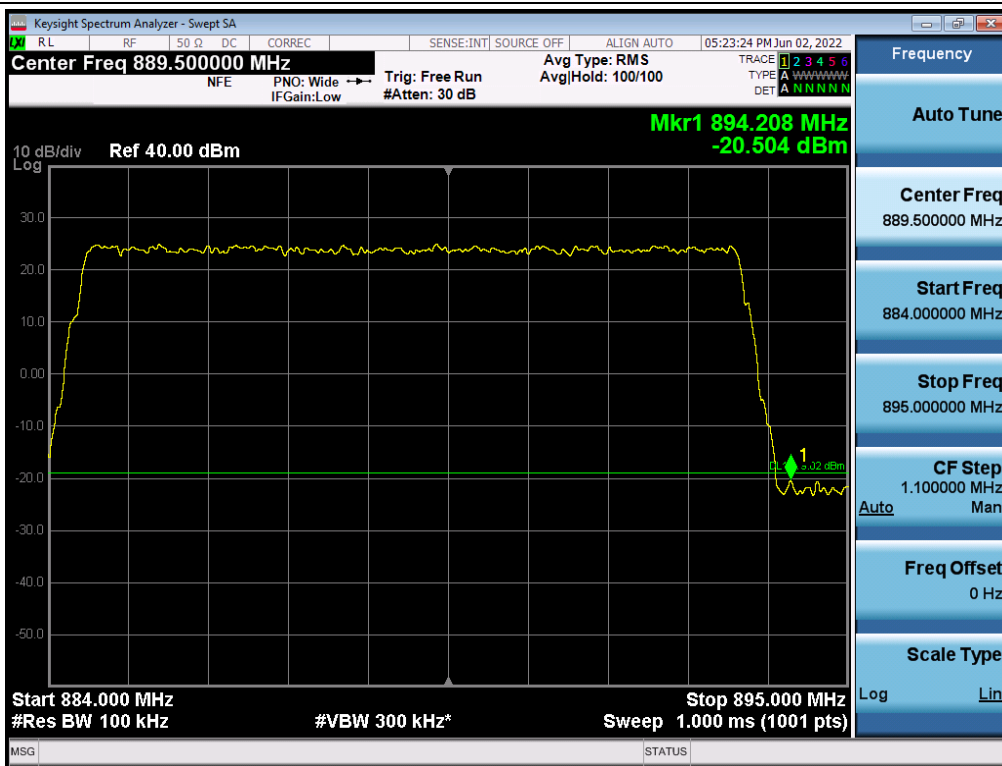
Antenna 3 / (4 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier] / Contiguous / QPSK / High

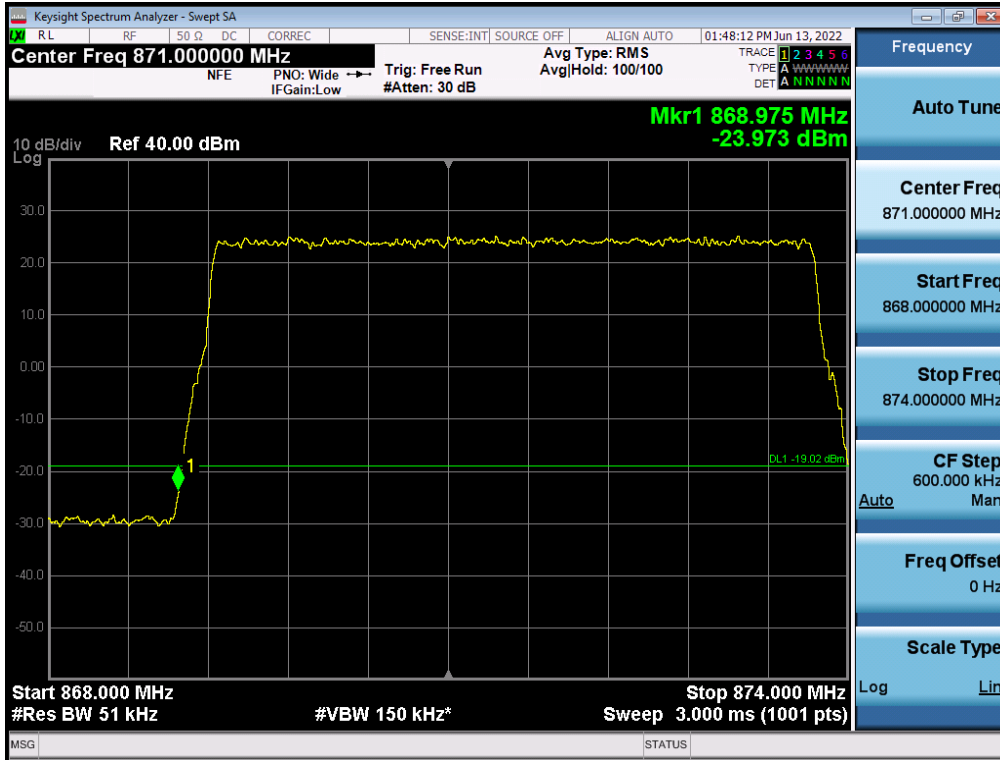
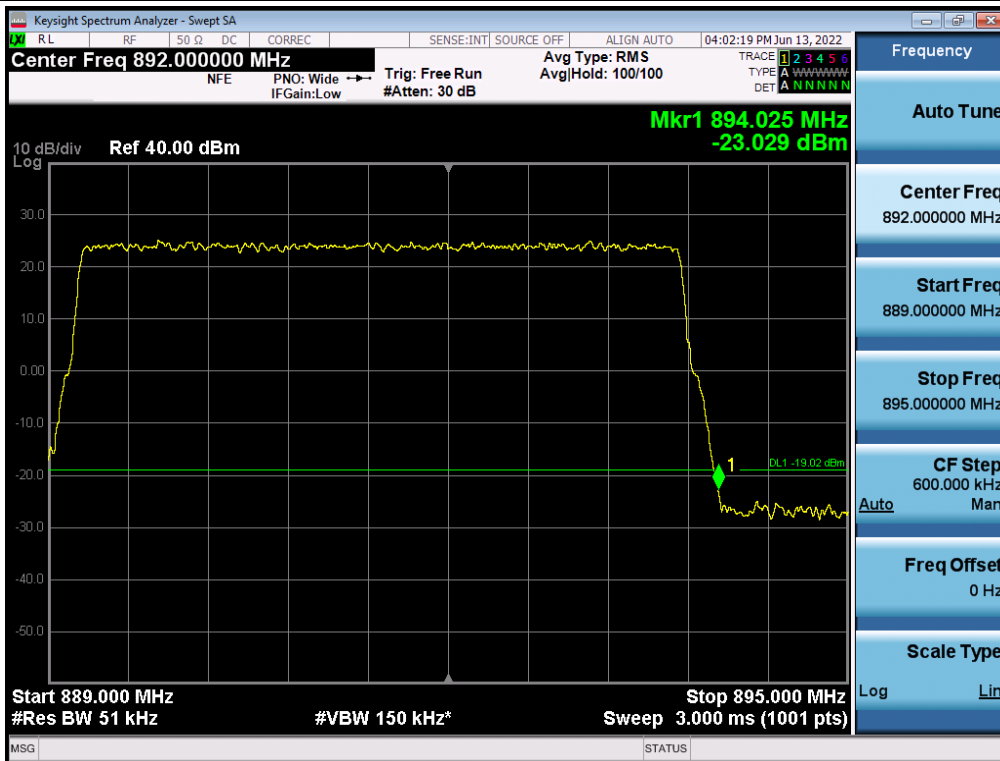


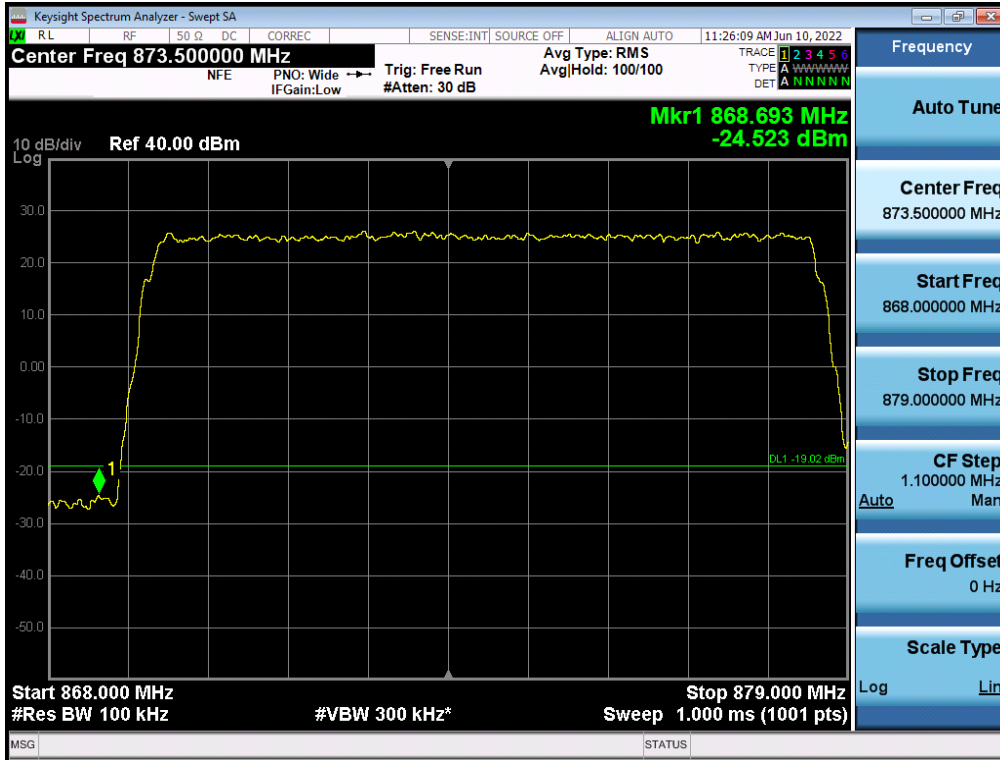
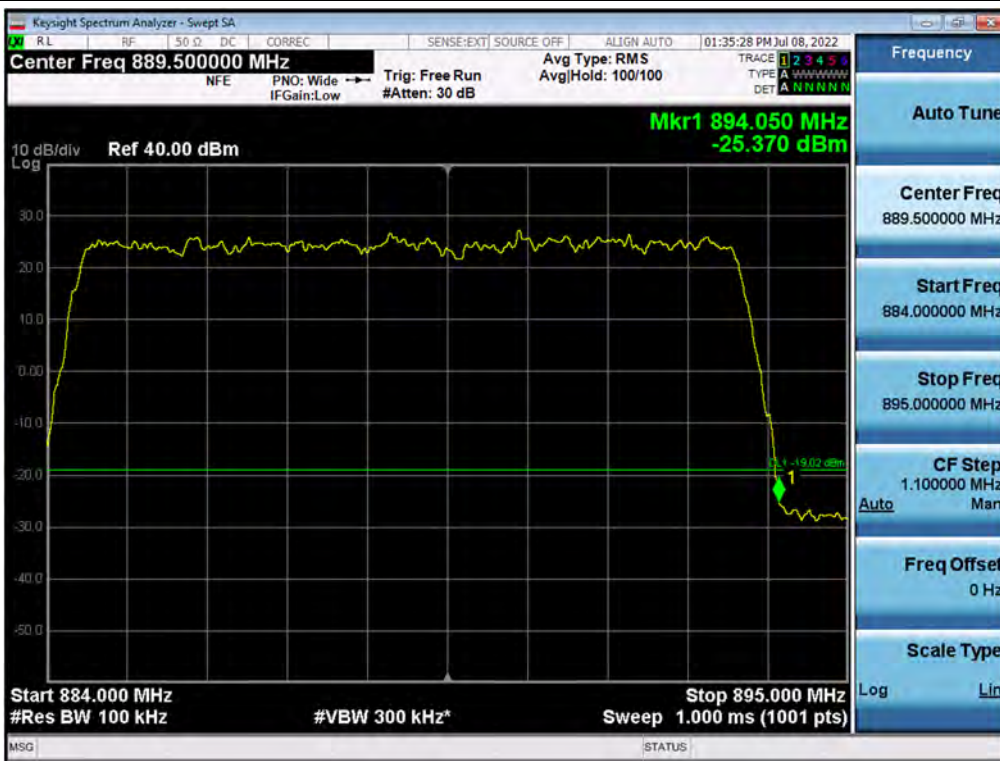
Antenna 1 / (4 Port)B5 DSS 10 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier [2 Carrier] / Contiguous / QPSK / Low



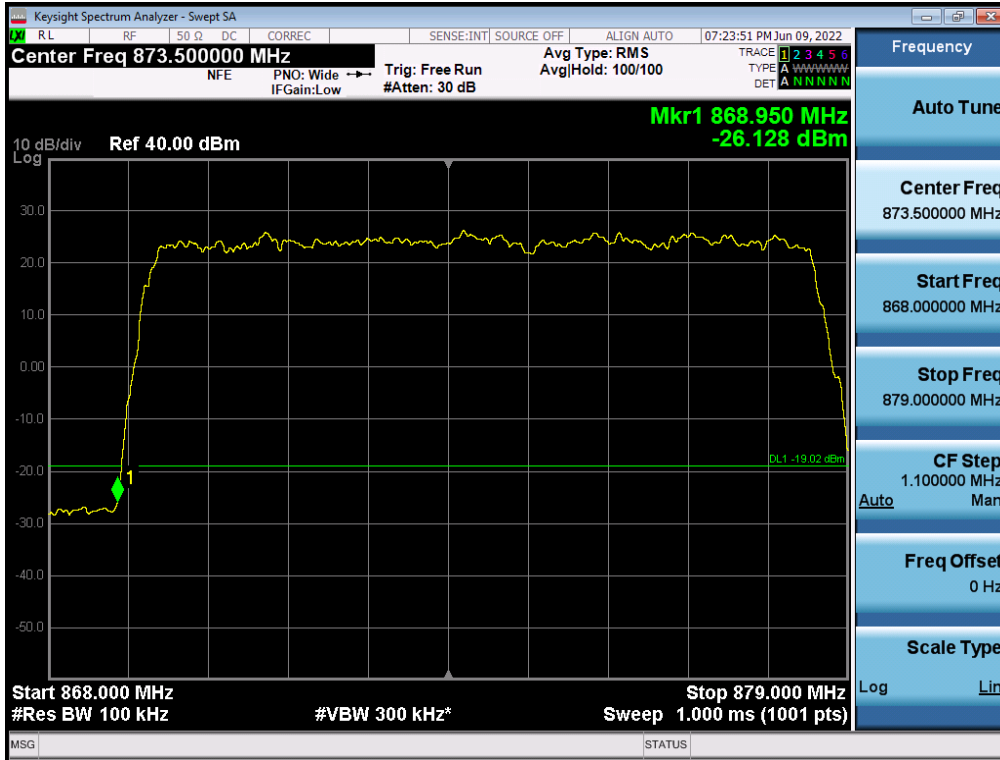
Antenna 1 / (4 Port)B5 DSS 10 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier [2 Carrier] / Contiguous / 256QAM / High



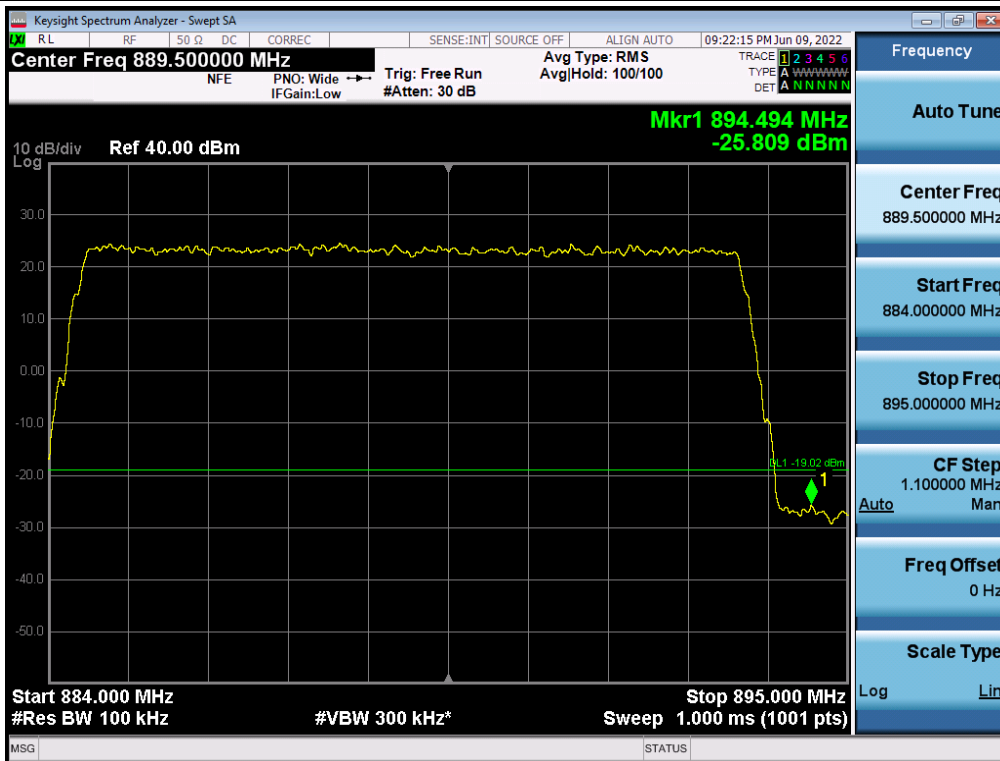
Antenna 3 / (4 Port)5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier] / Contiguous / 64QAM / Low

Antenna 2 / (4 Port)5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier] / Contiguous / 256QAM / High


Antenna 0 / (4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Contiguous / 256QAM / Low

Antenna 3 / (4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / High


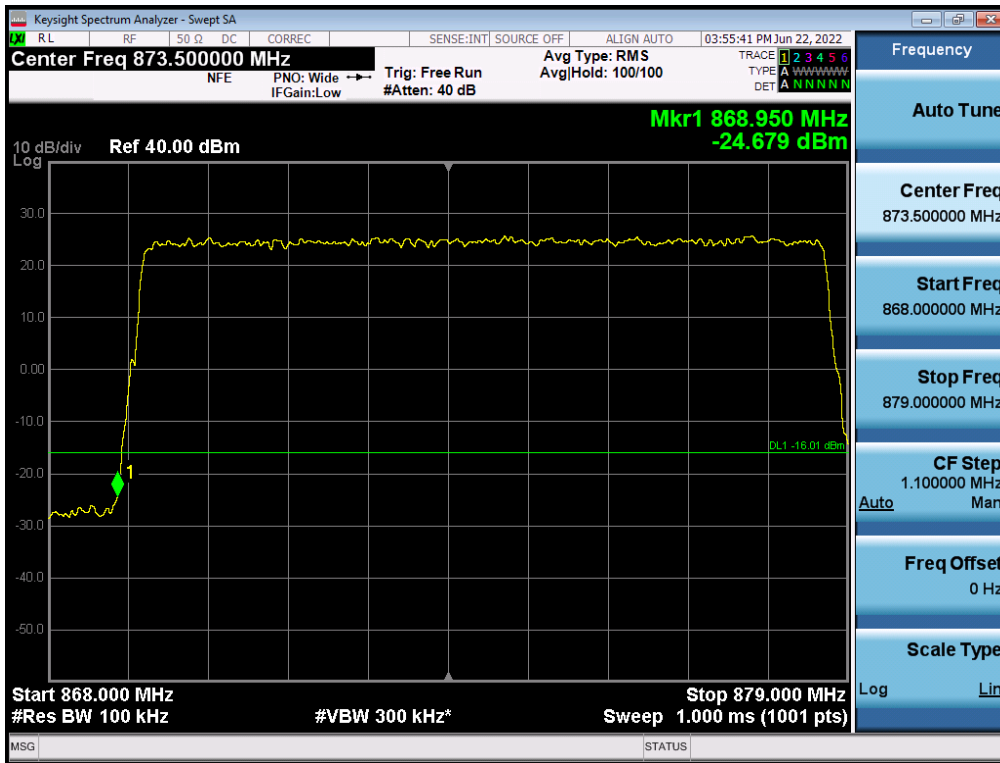
Antenna 3 / (4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / Low



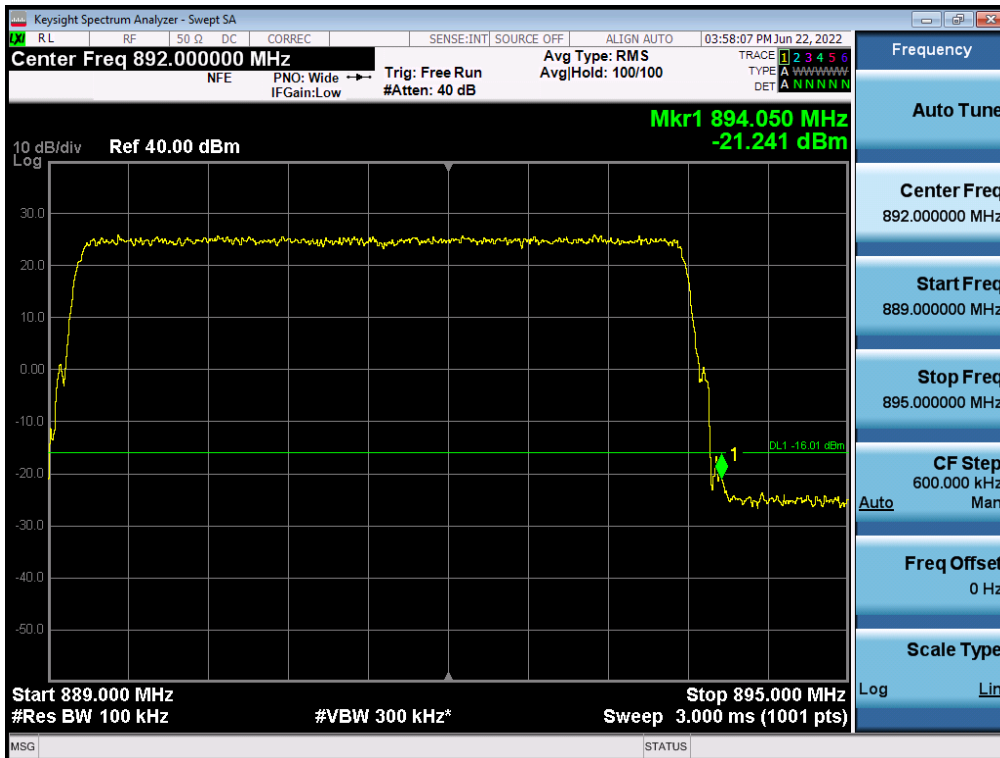
Antenna 2 / (4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier] / Contiguous / 64QAM / High



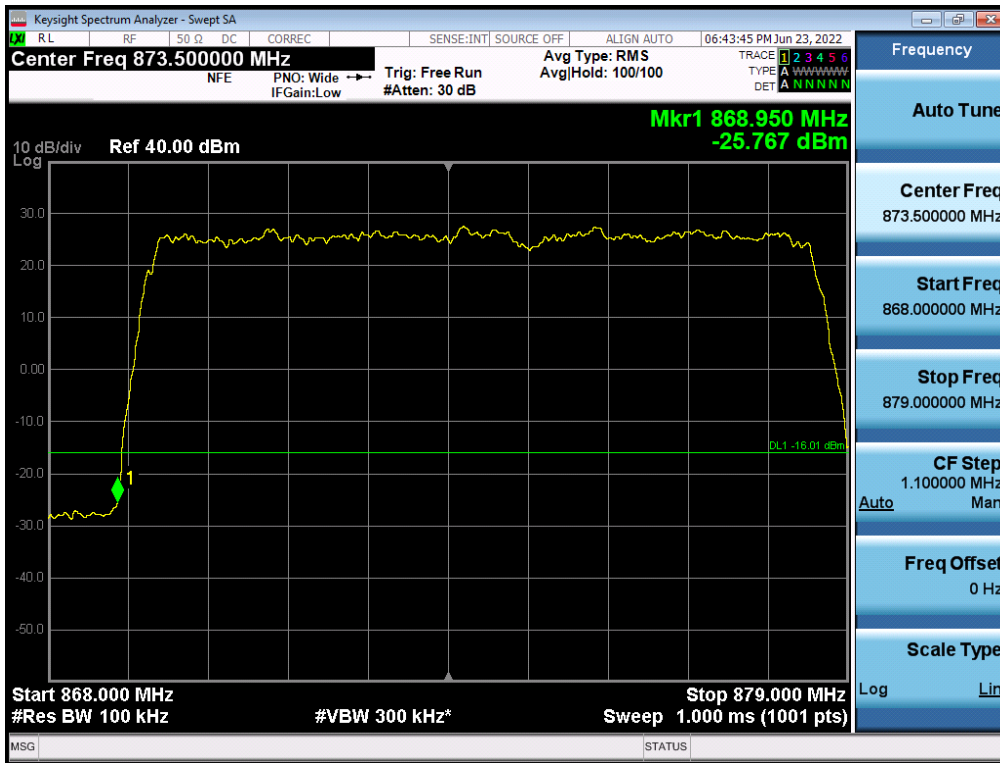
Antenna 0 / (2 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier] /
Contiguous / 256QAM / Low



Antenna 1 / (2 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier]/
Contiguous / QPSK / High



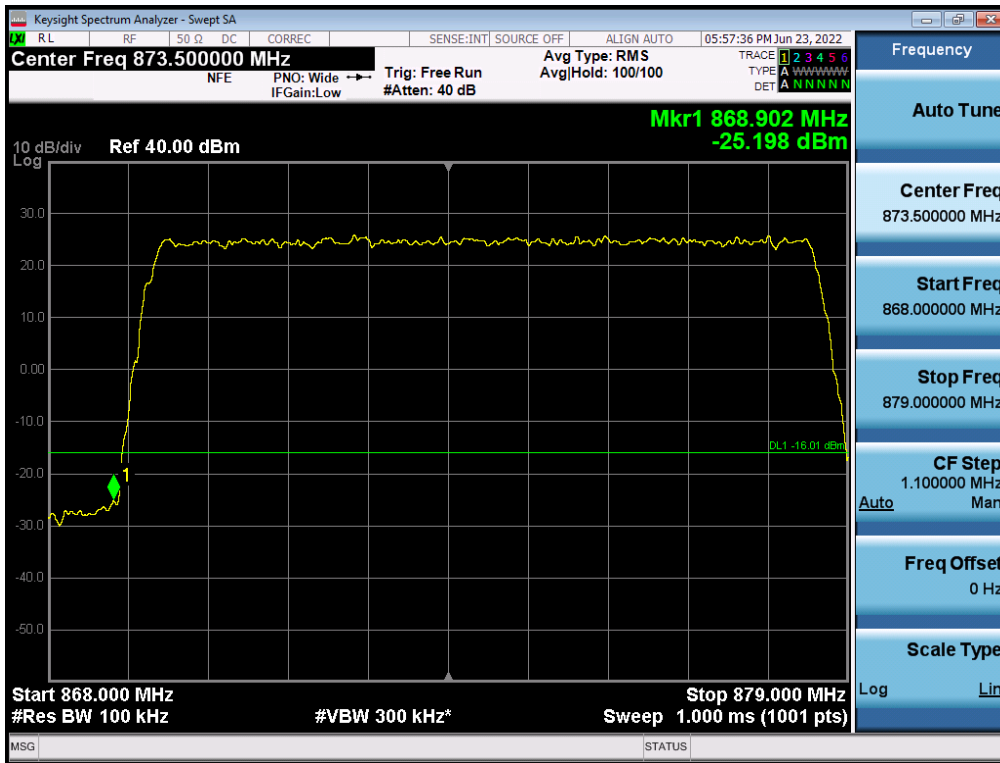
Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier] /
Contiguous / 16QAM / Low



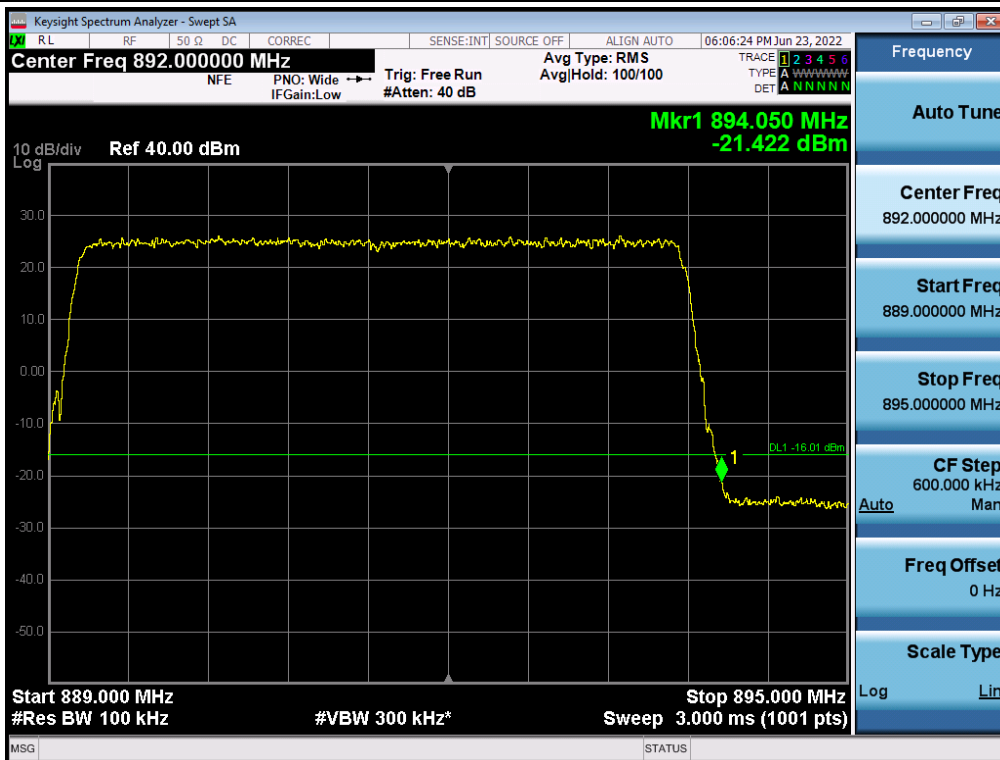
Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier]/
Contiguous / 64QAM / High



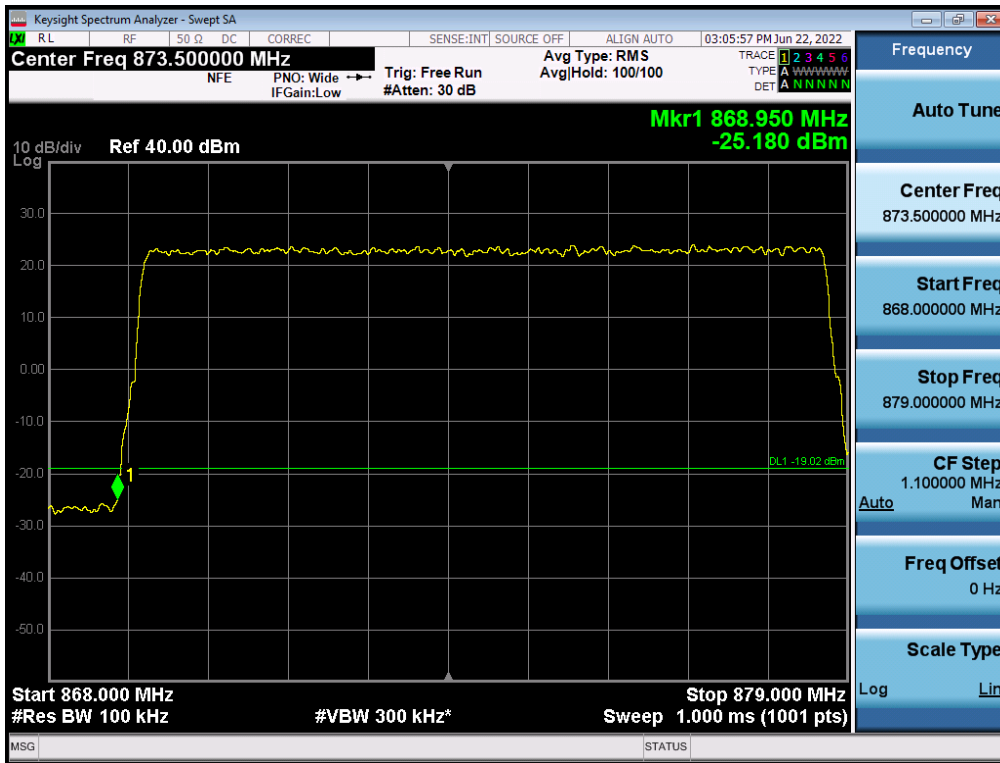
Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier]/
Contiguous / QPSK / Low



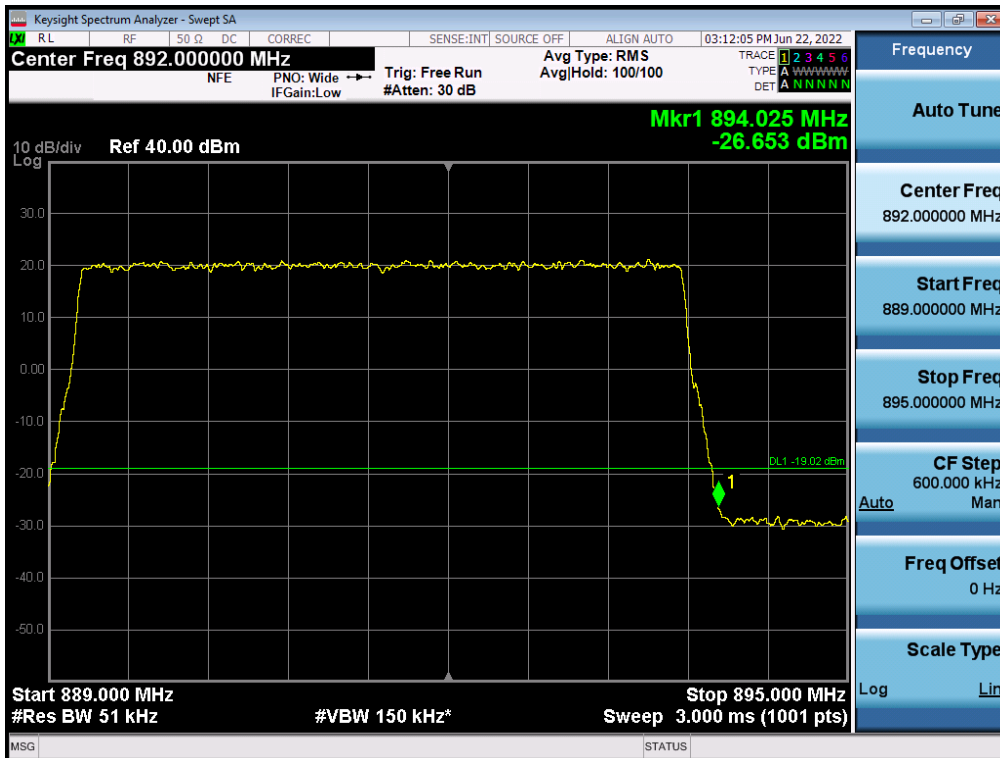
Antenna 1 / (2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier]/
Contiguous / 64QAM / High



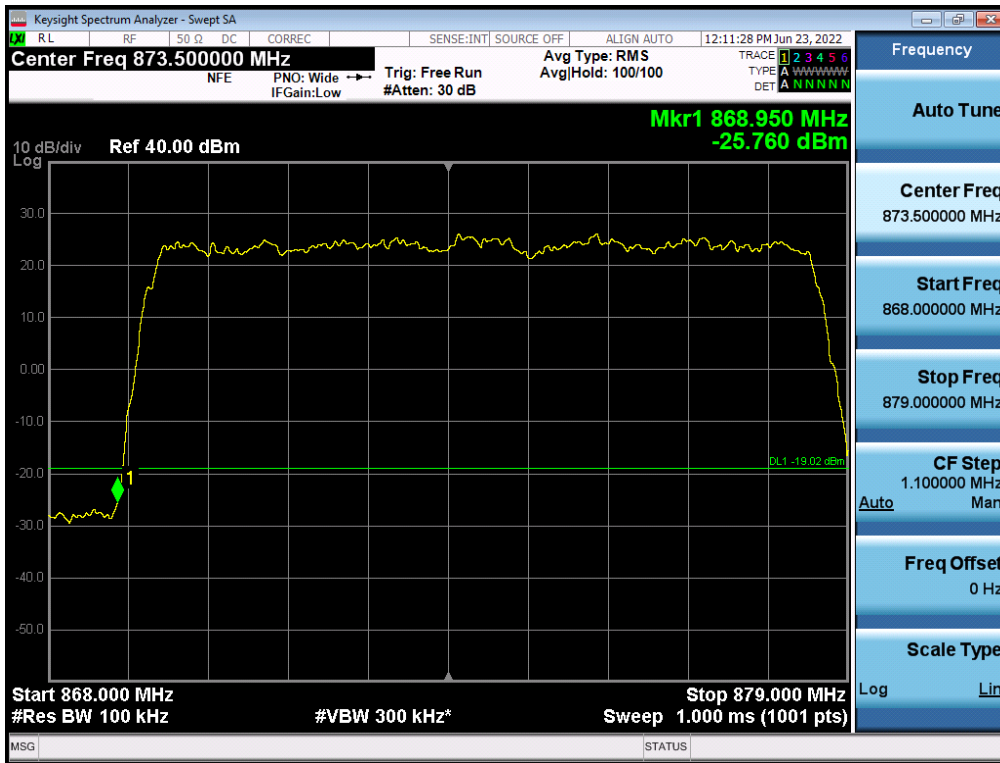
Antenna 3 / (4 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier] /
Contiguous / 256QAM / Low



Antenna 2 / (4 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier]/
Contiguous / 256QAM / High



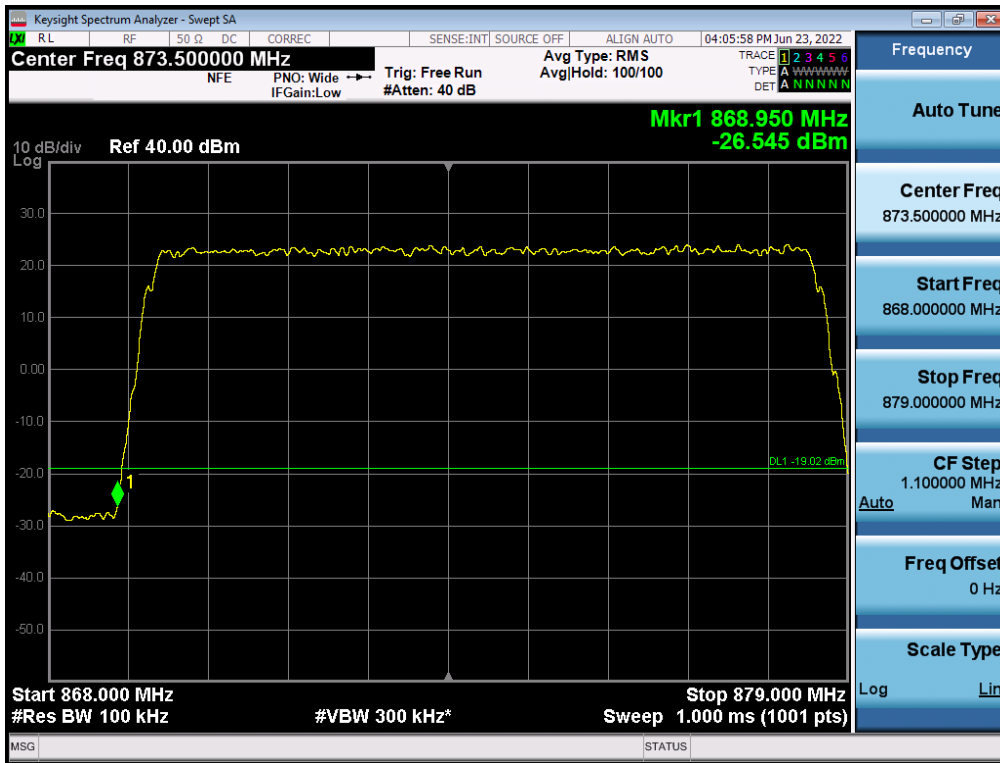
Antenna 3 / (4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier] /
Contiguous / 16QAM / Low



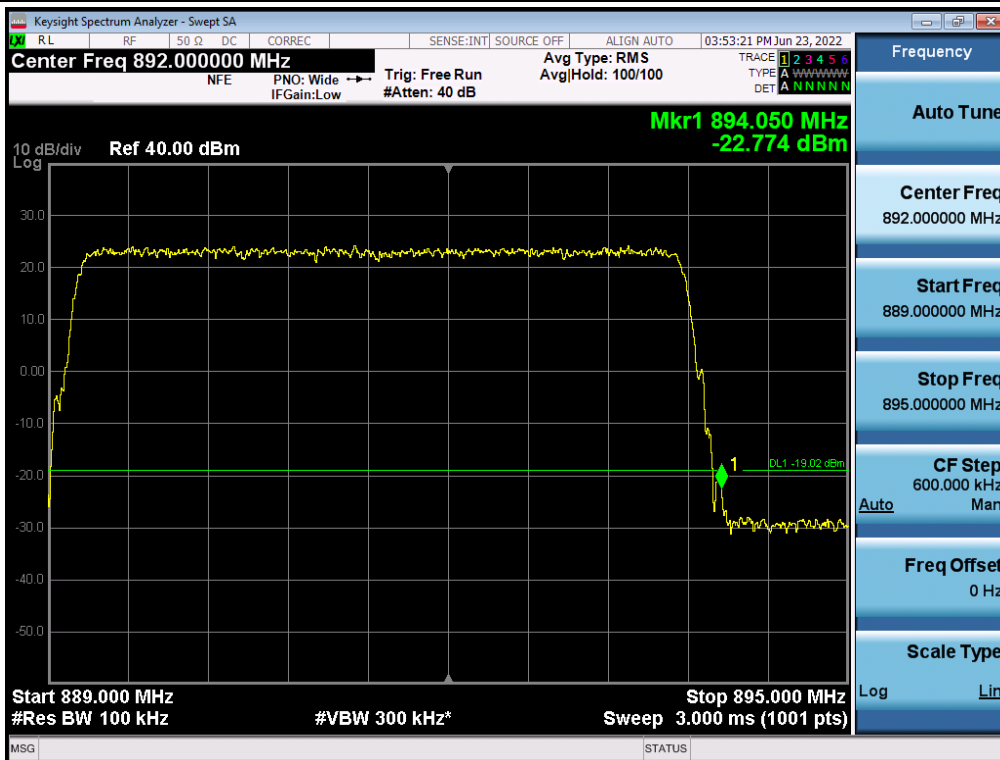
Antenna 2 / (4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier]/
Contiguous / 64QAM / High



**Antenna 3 / (4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier]/
Contiguous / 64QAM / Low**



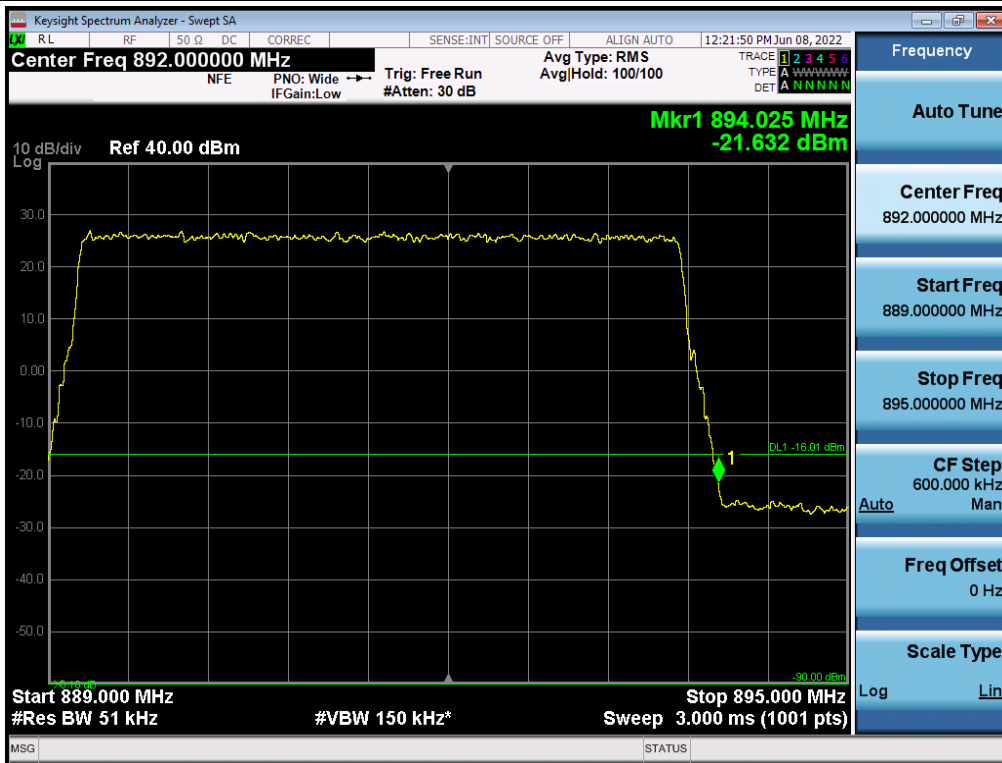
**Antenna 1 / (4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier]/
Contiguous / 64QAM / High**



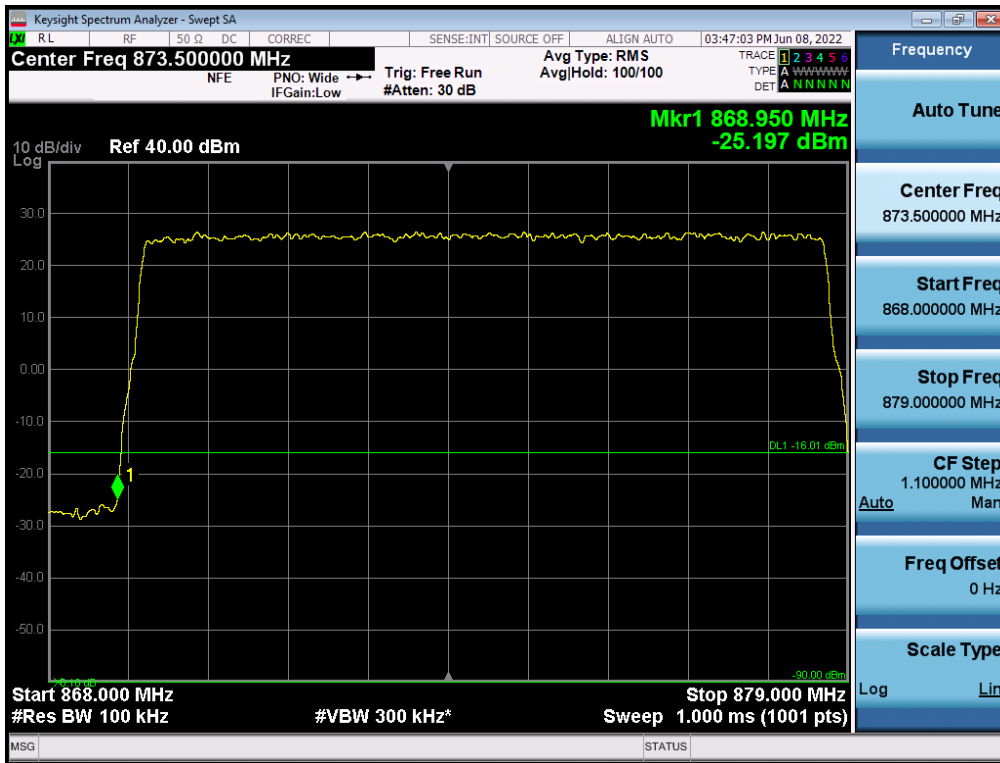
Antenna 0 / (2 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 16QAM / Low



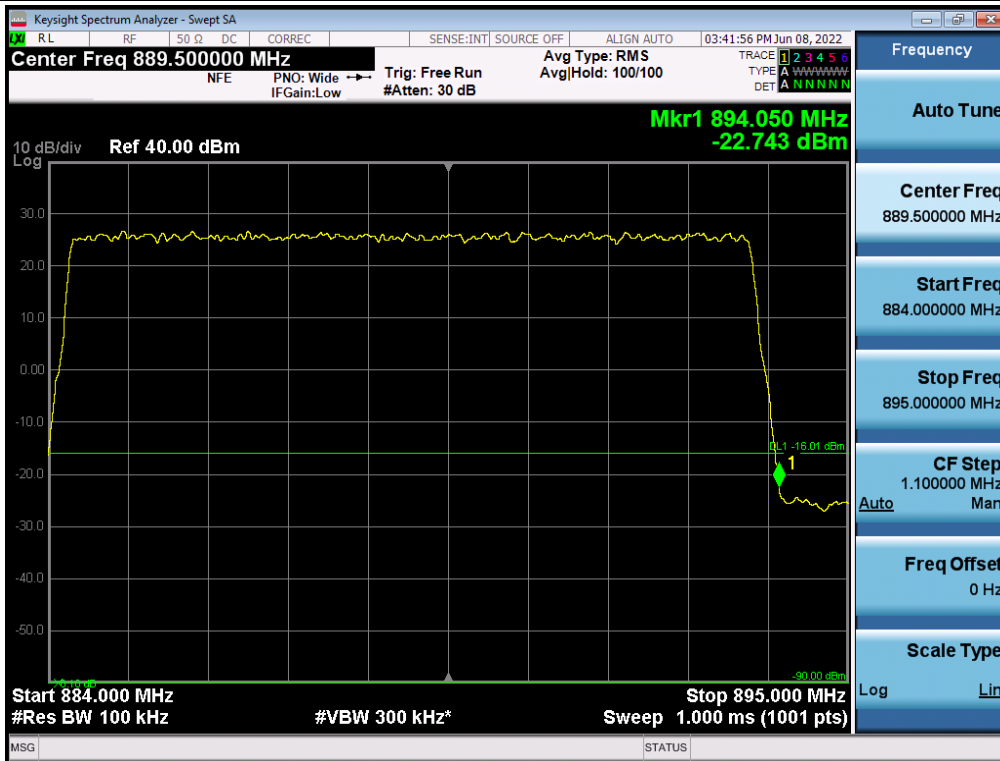
Antenna 0 / (2 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 64QAM / High



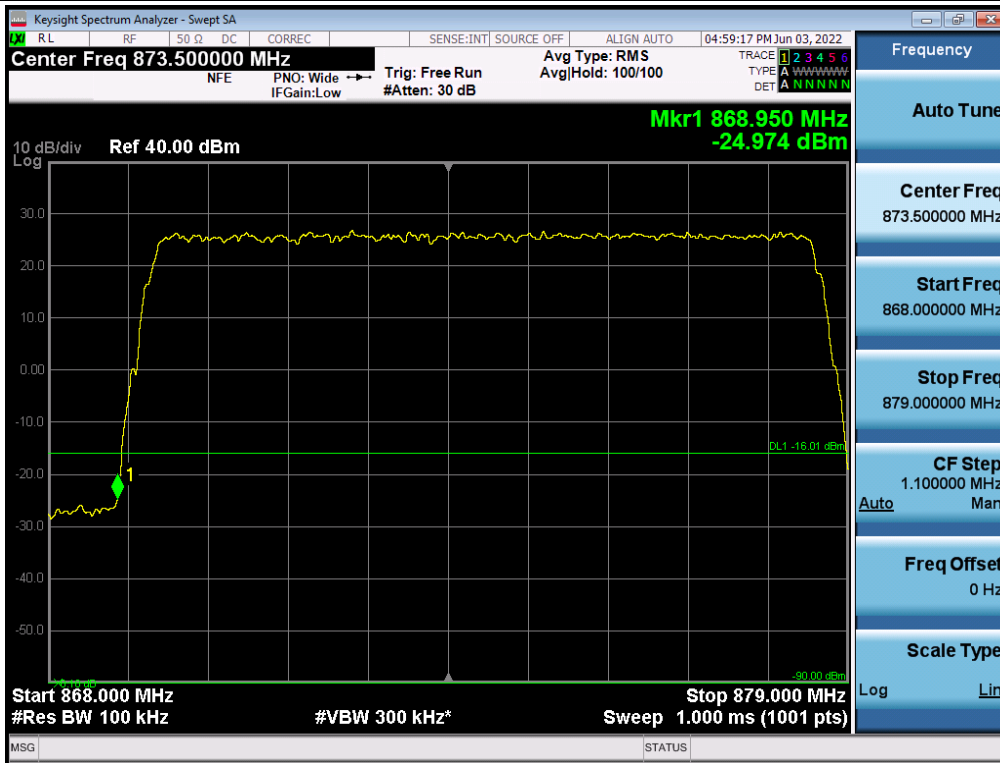
Antenna 1 / (2 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 256QAM / Low



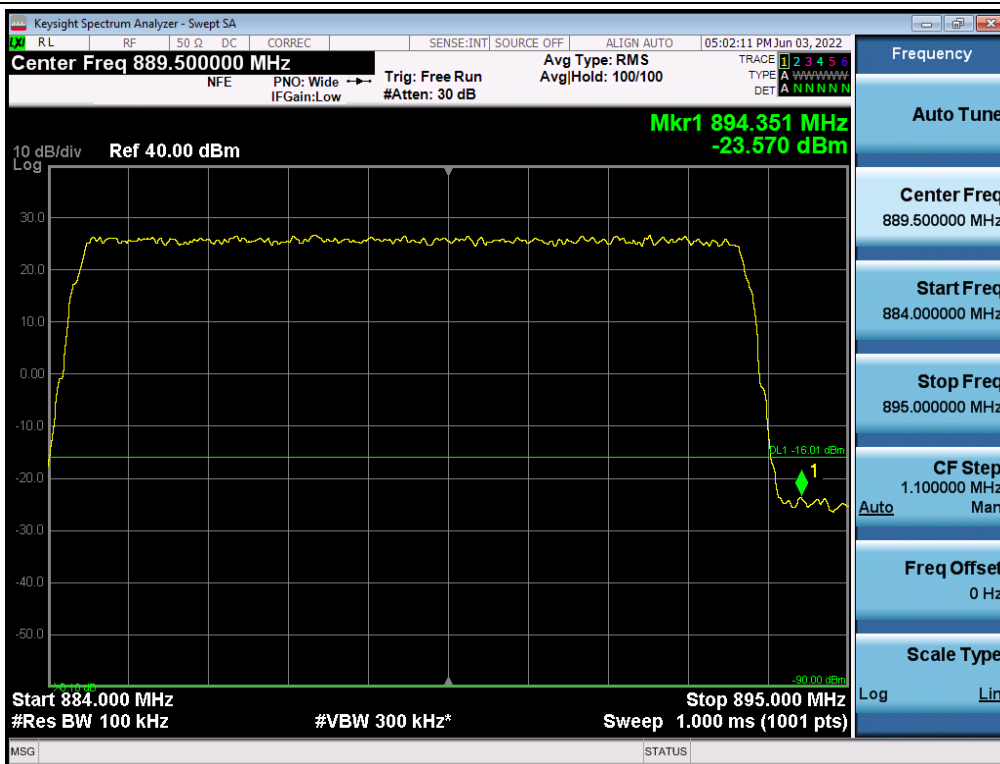
Antenna 1 / (2 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous / QPSK / High



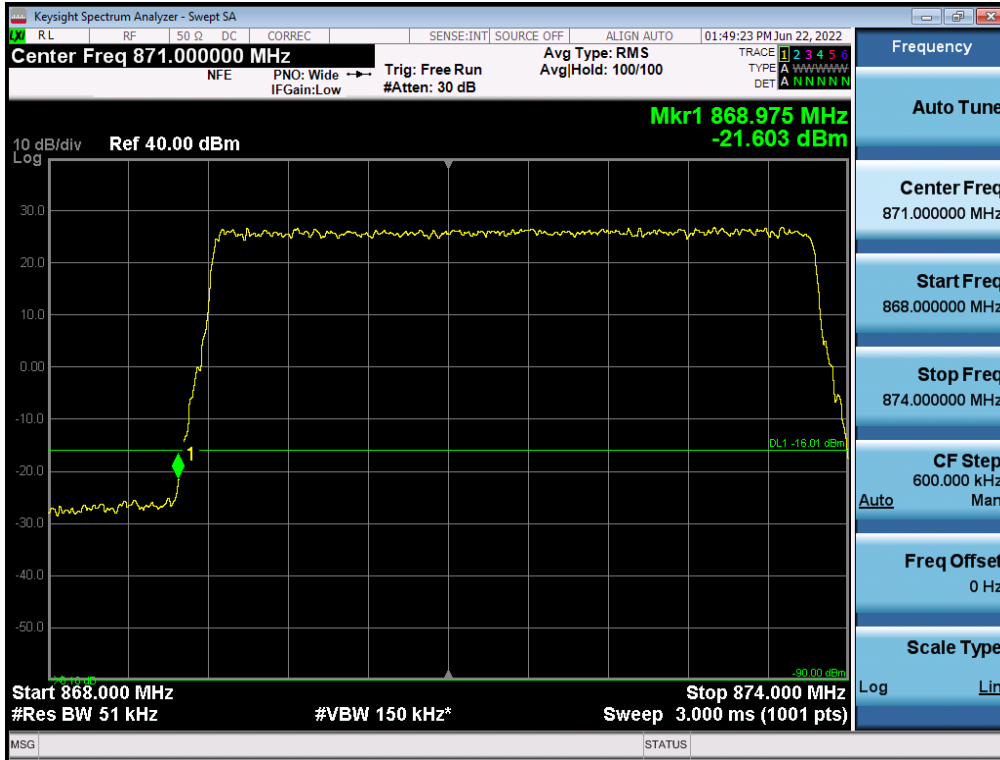
Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 64QAM / Low



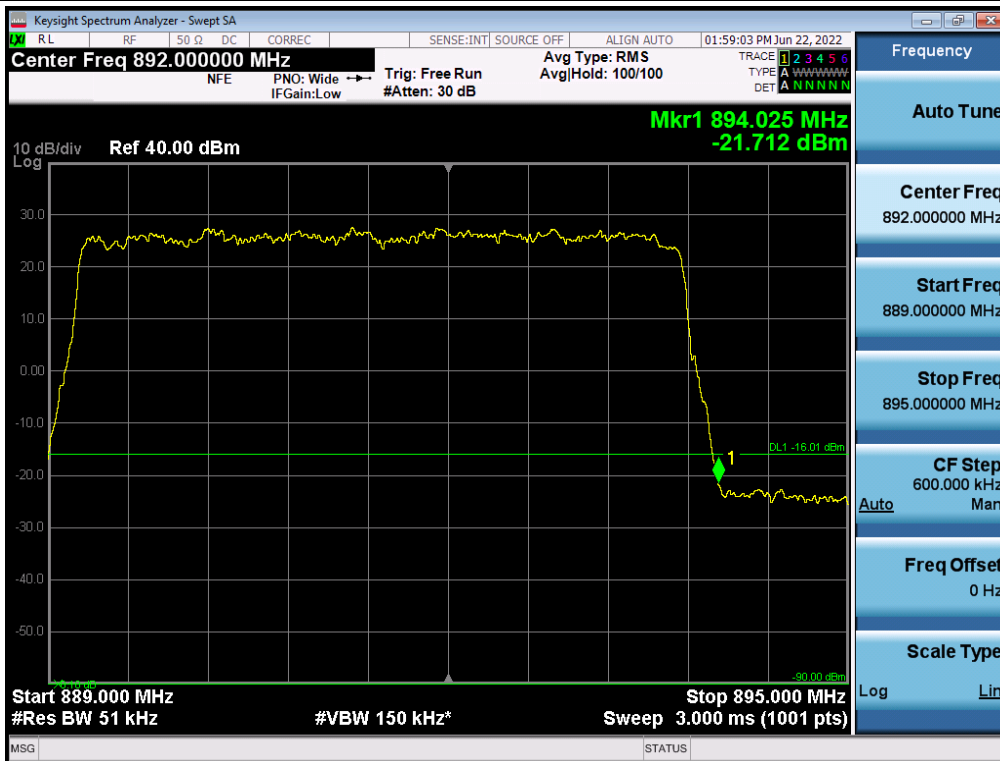
Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 256QAM / High



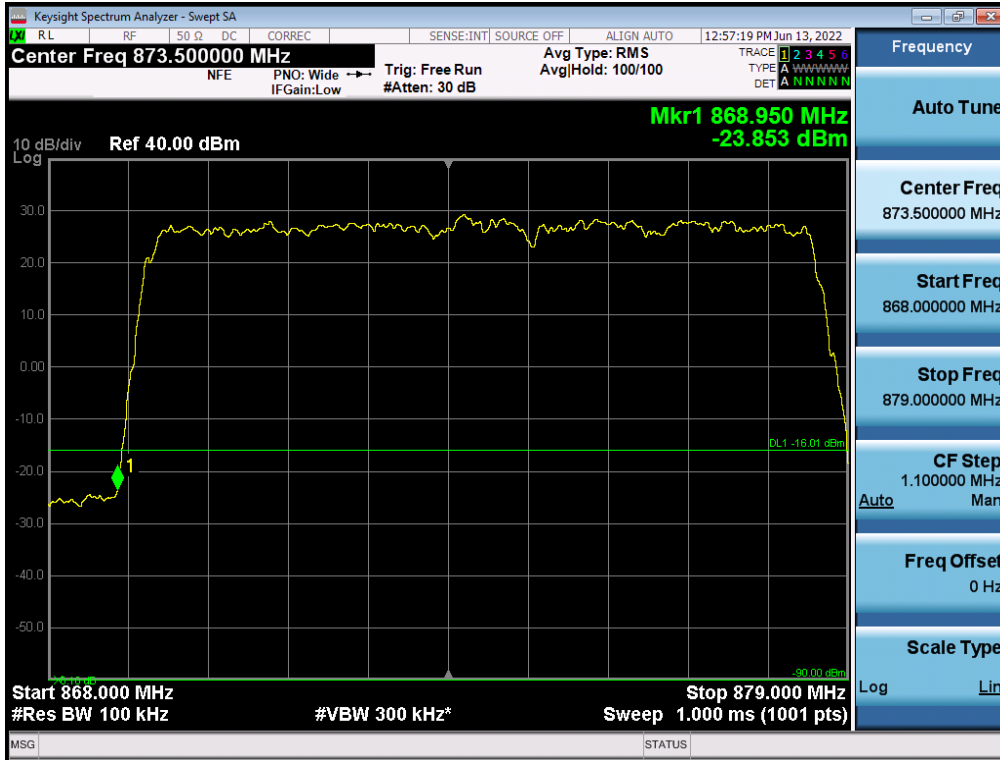
Antenna 1 / (2 Port)5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 64QAM / Low



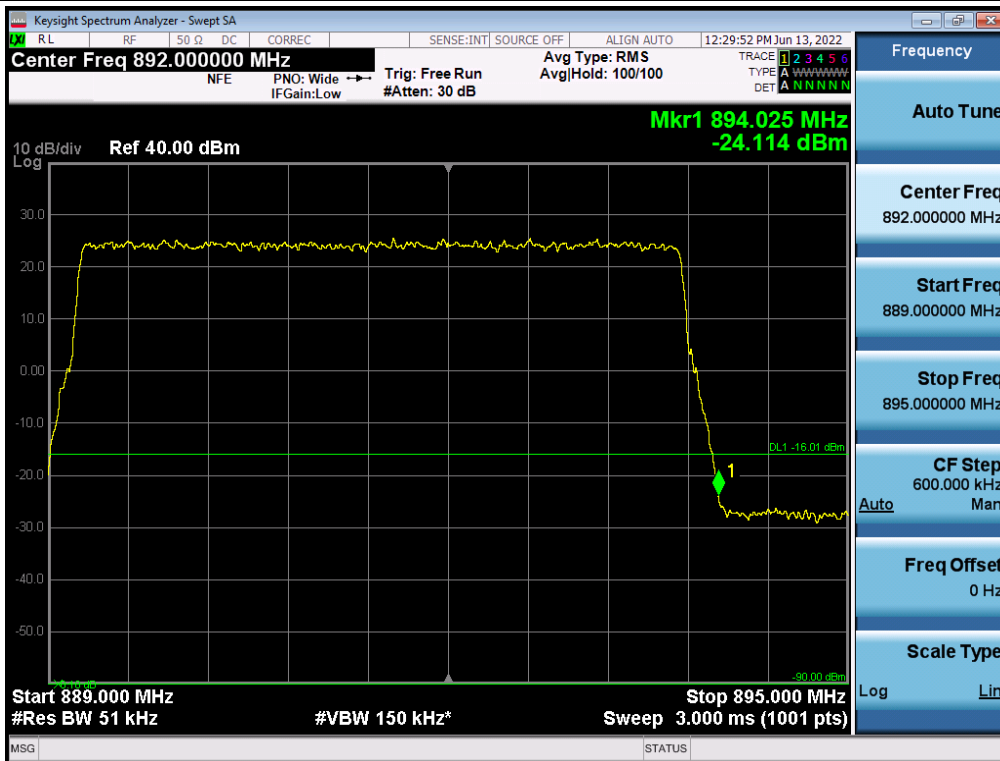
Antenna 0 / (2 Port)5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 16QAM / High



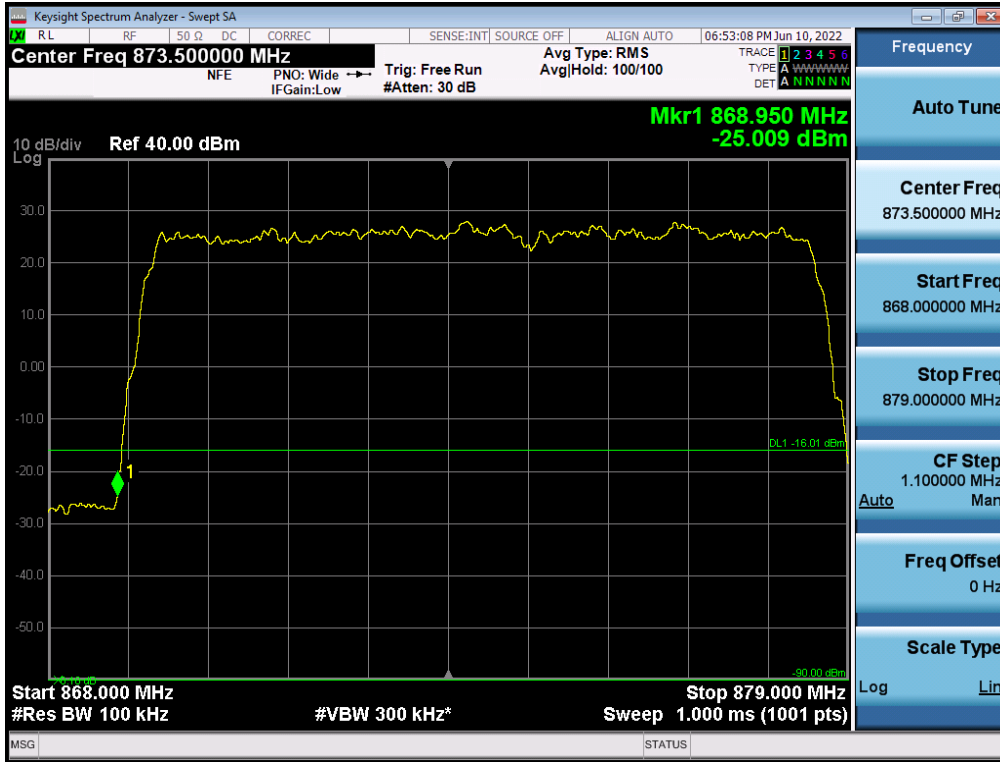
Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 16QAM / Low



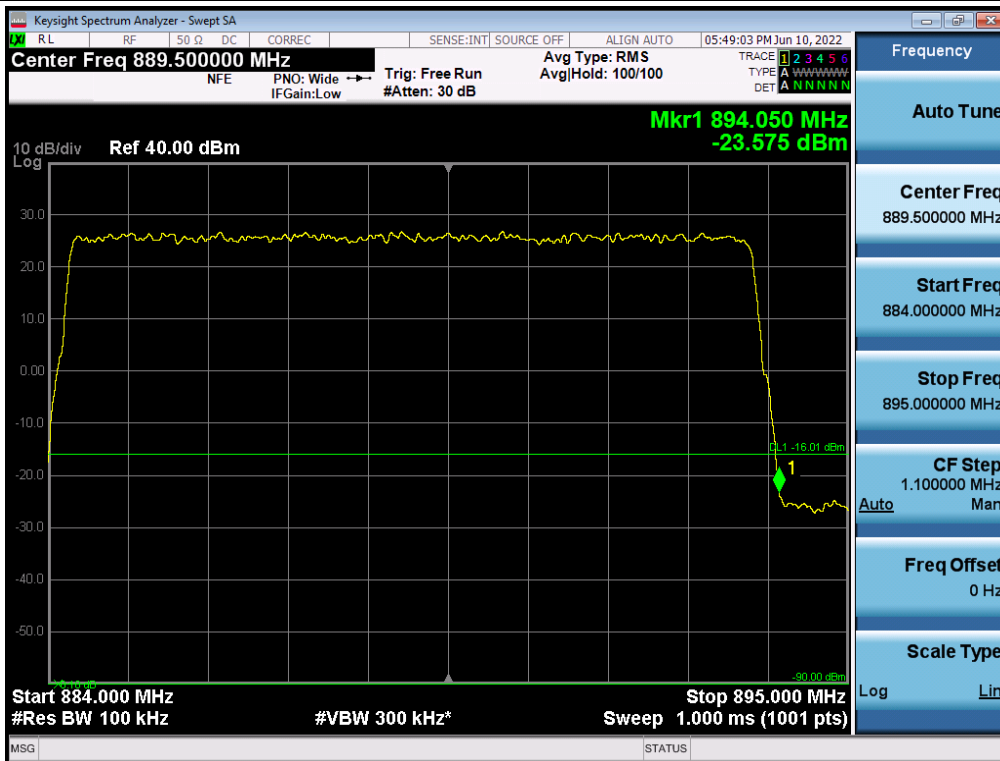
Antenna 1 / (2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 64QAM / High

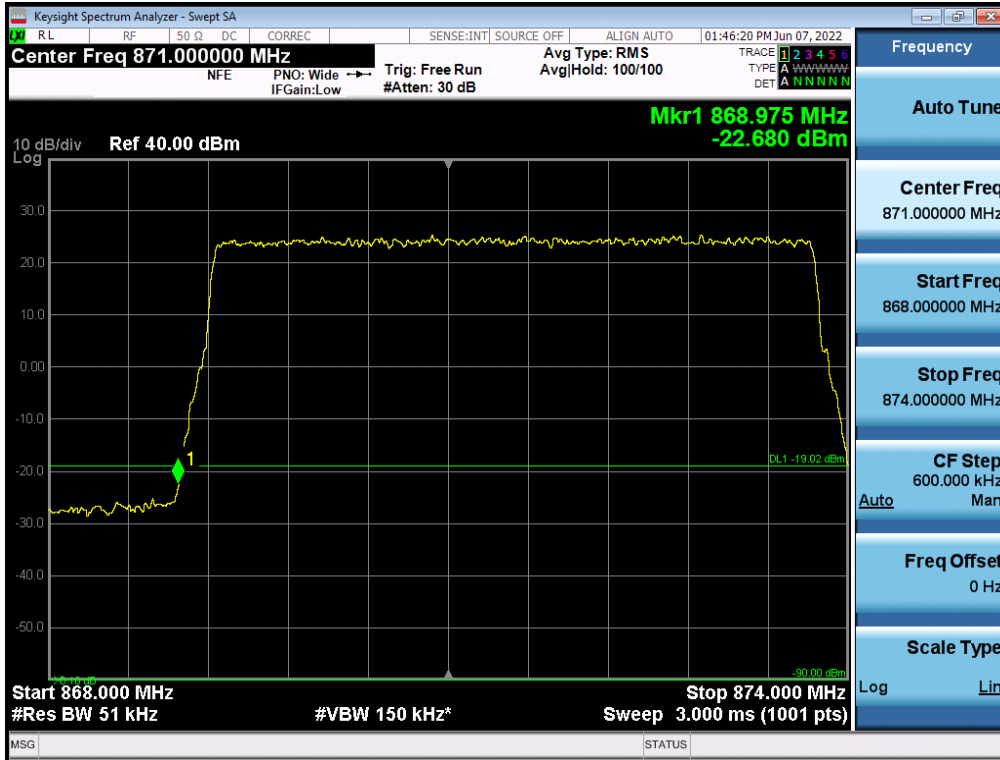
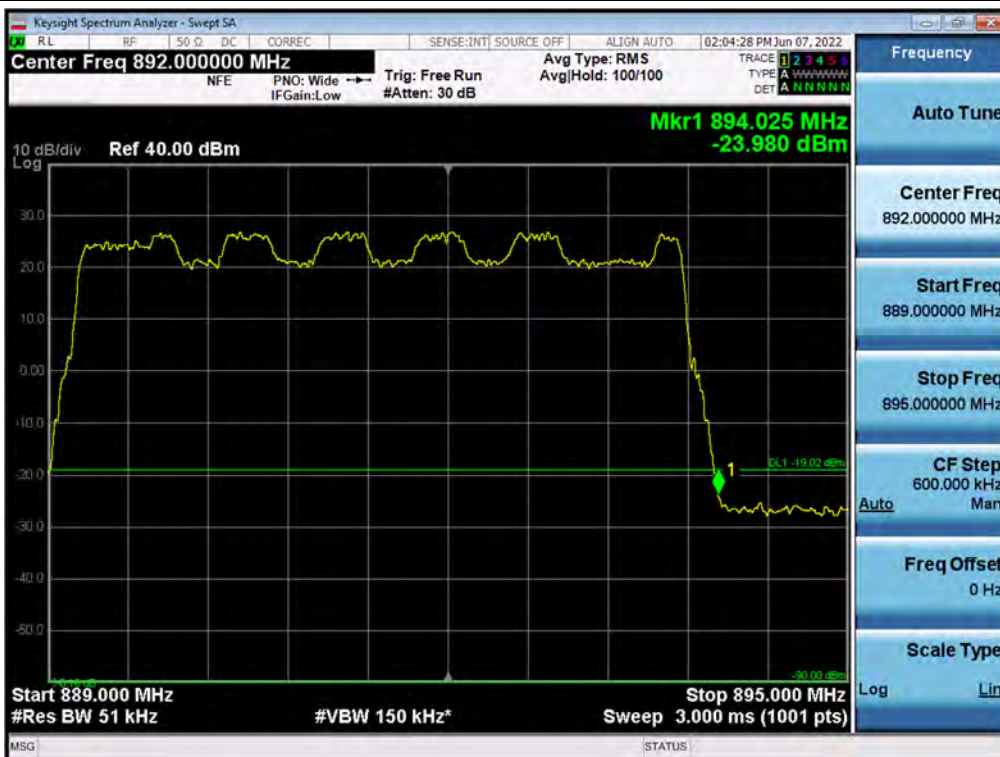


Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 16QAM / Low

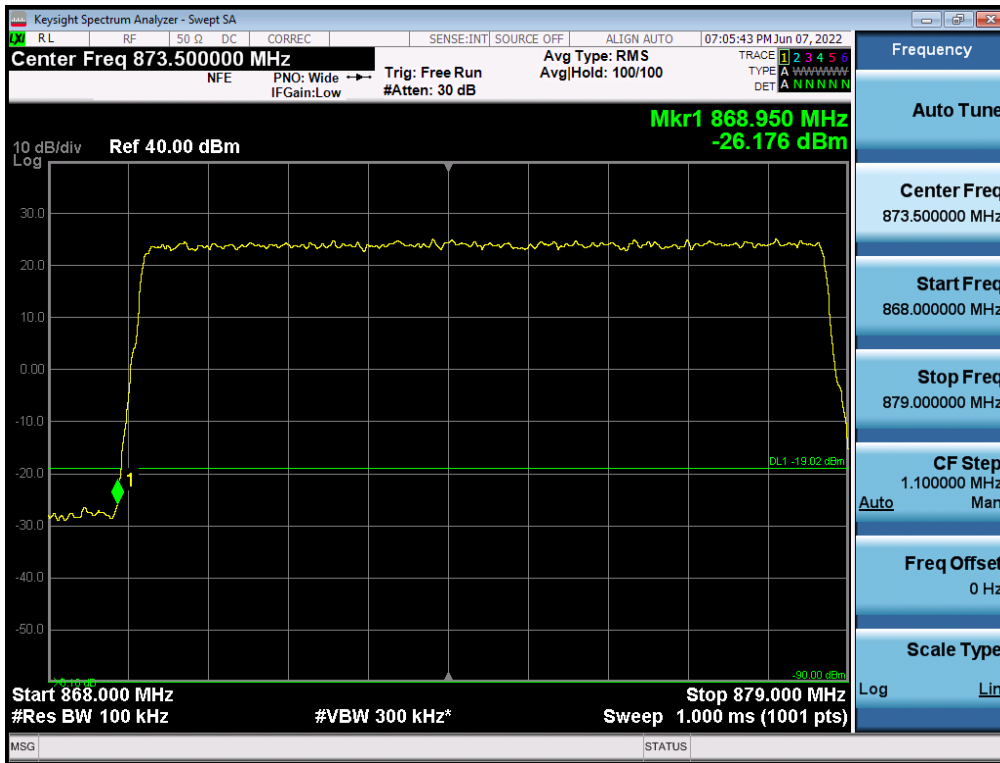


Antenna 1 / (2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 64QAM / High

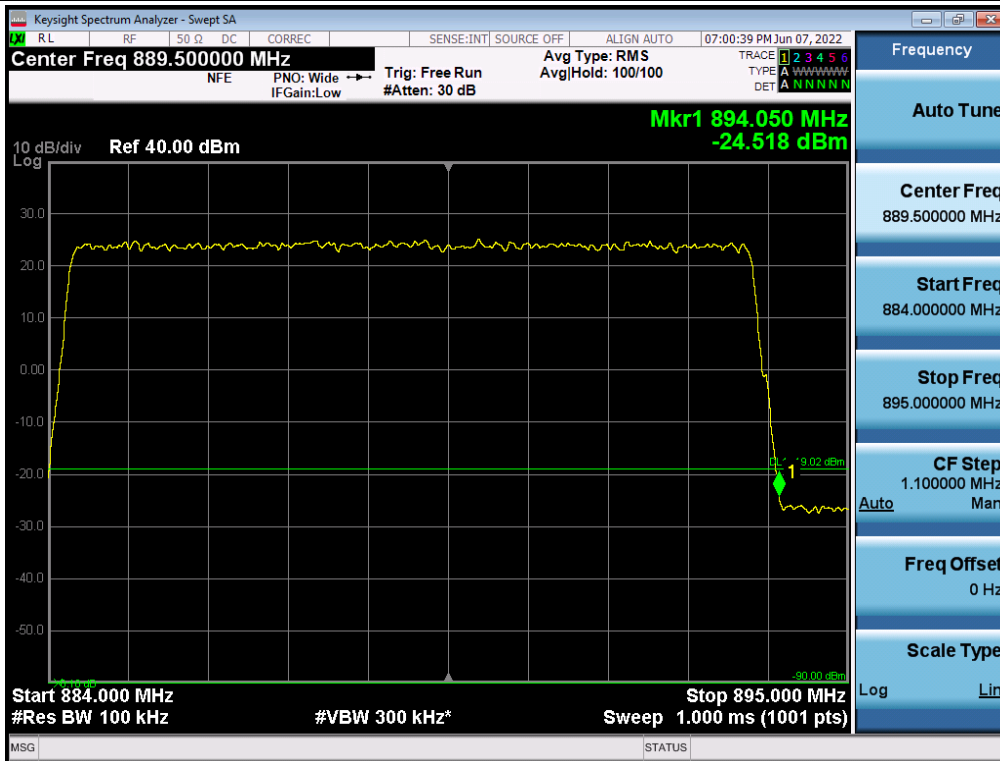


Antenna 3 / (4 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 256QAM / Low

Antenna 2 / (4 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 16QAM / High


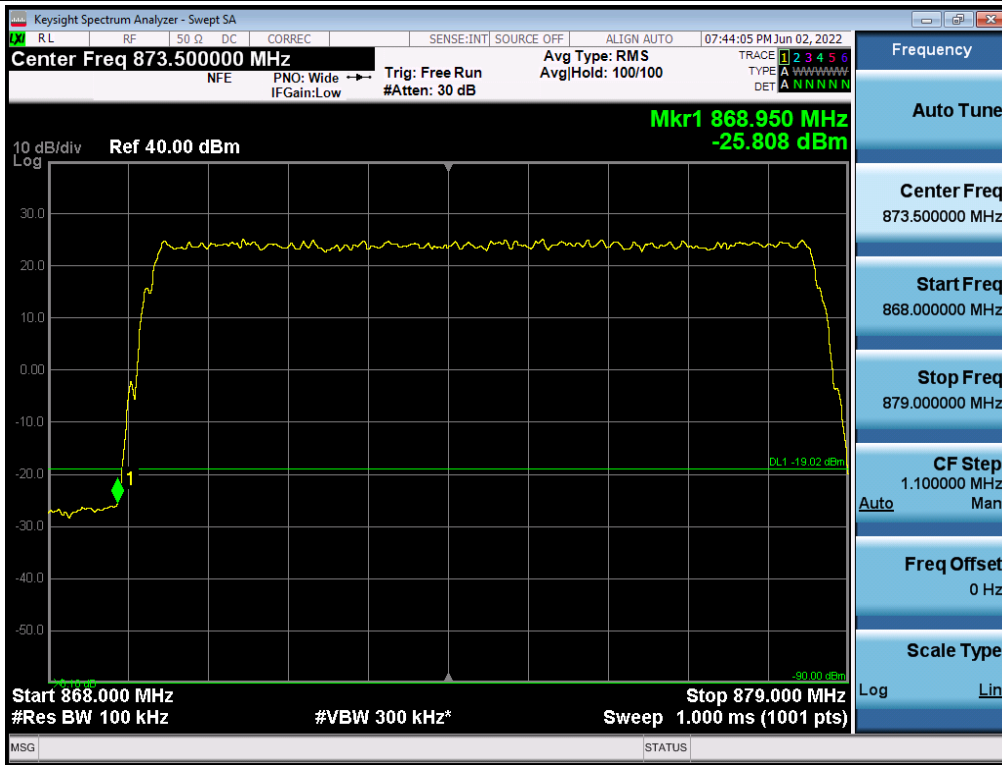
Antenna 3 / (4 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 256QAM / Low



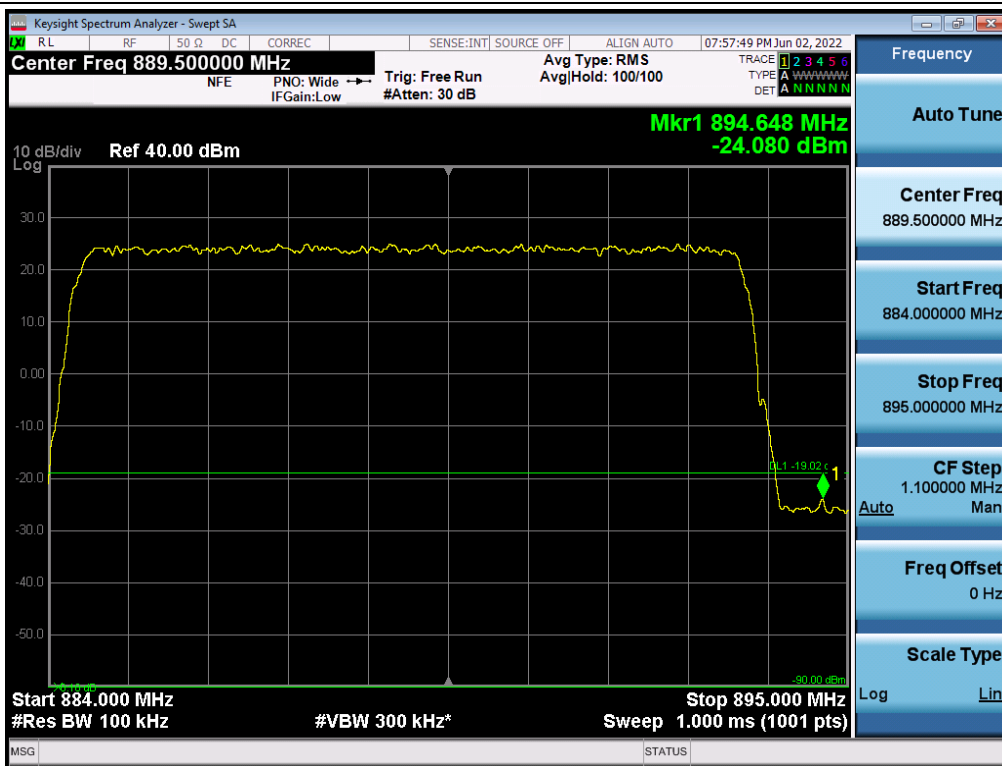
Antenna 3 / (4 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous / QPSK / High

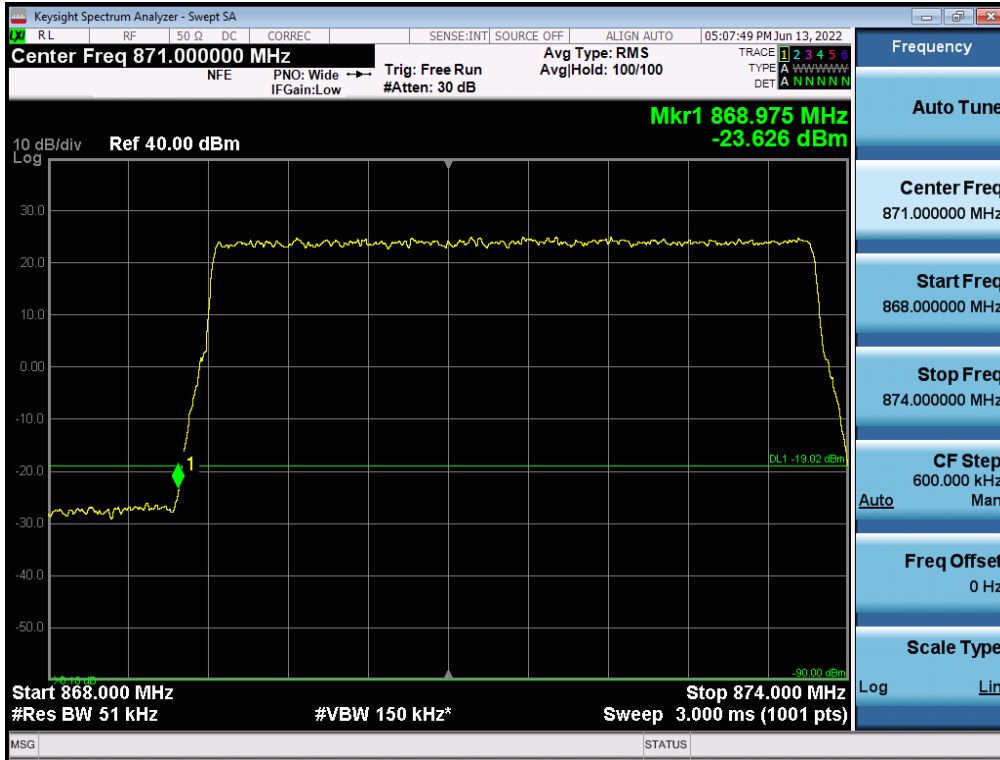
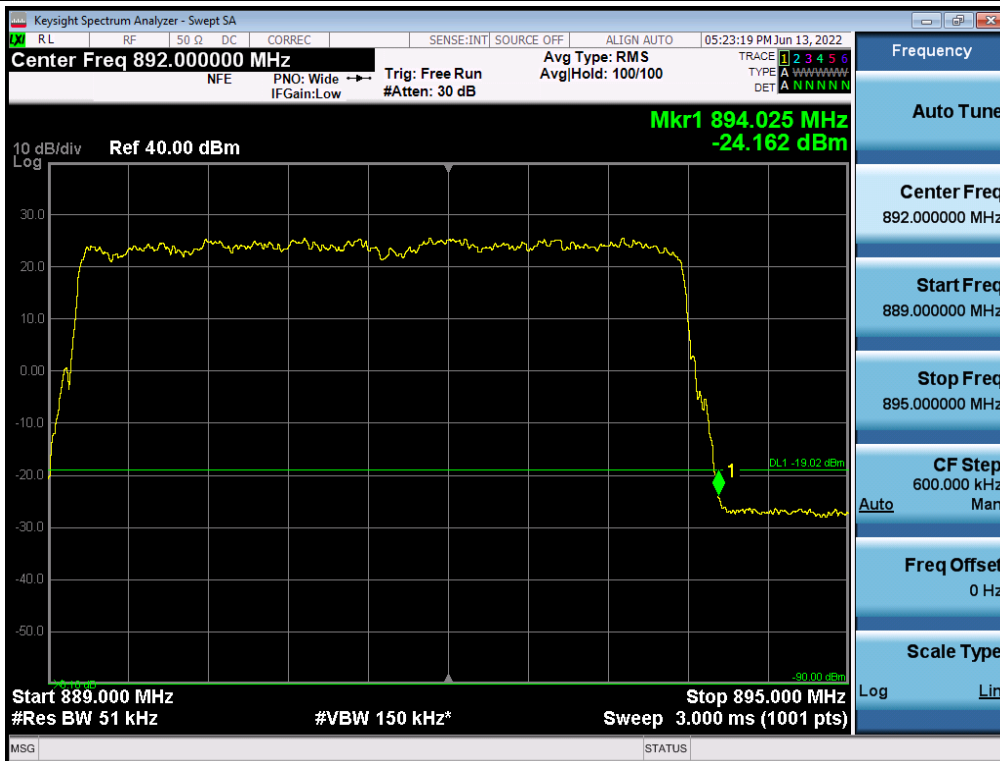


Antenna 2 / (4 Port)B5 DSS 10 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 64QAM / Low

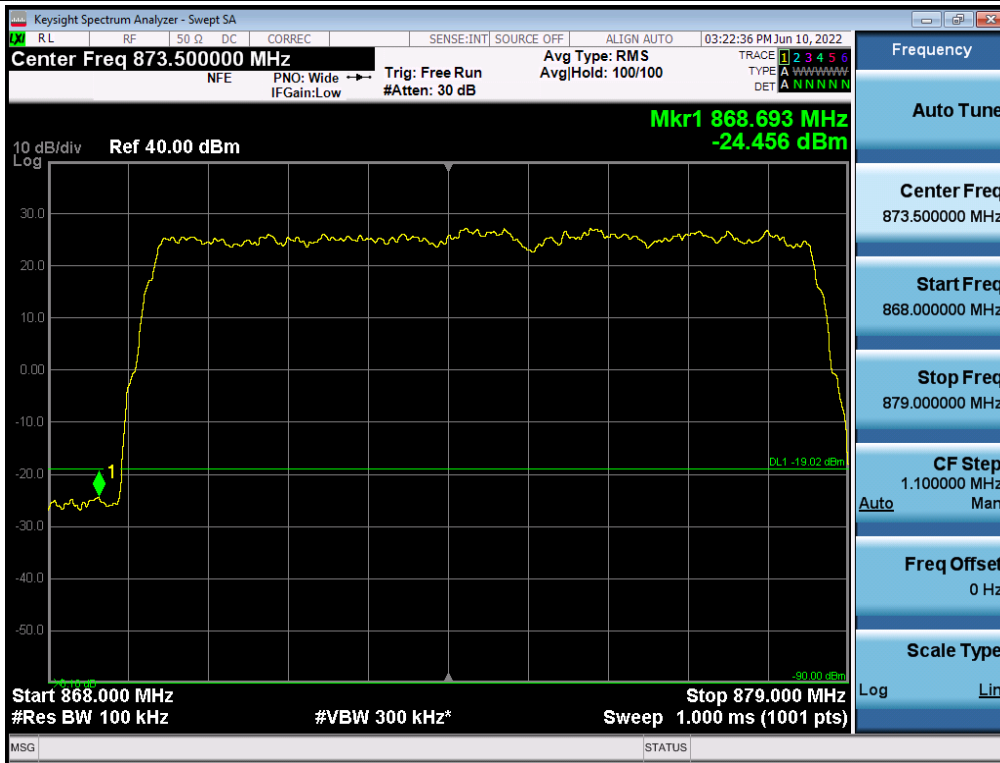


Antenna 3 / (4 Port)B5 DSS 10 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 256QAM / High

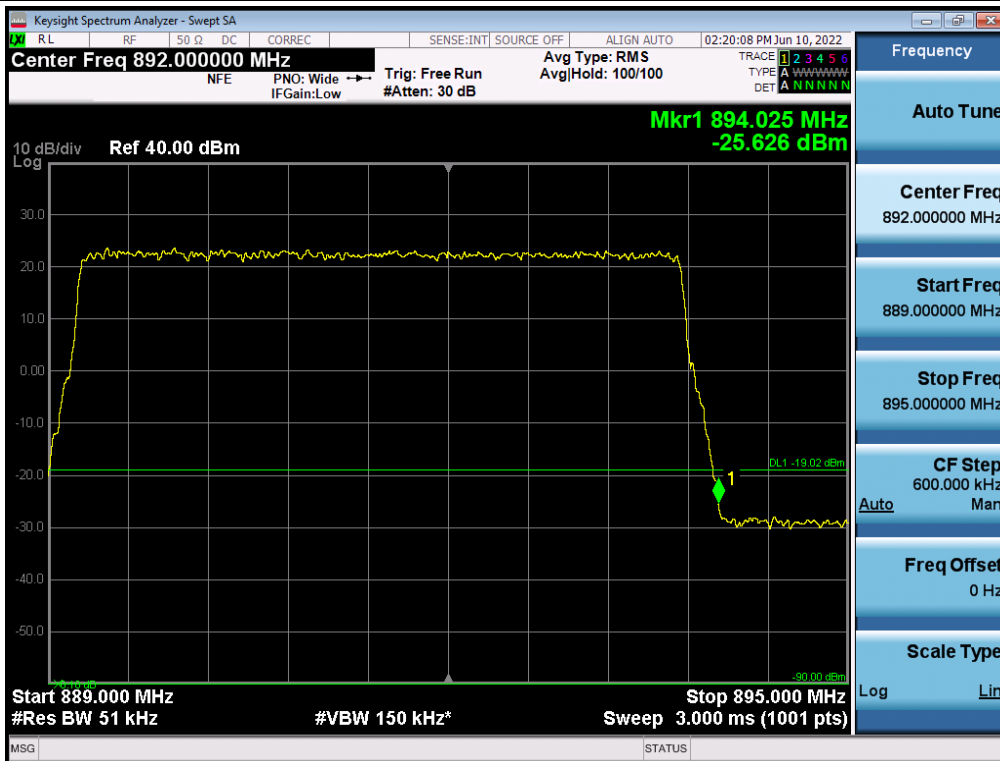


Antenna 2 / (4 Port)5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / QPSK / Low

Antenna 3 / (4 Port)5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 16QAM / High


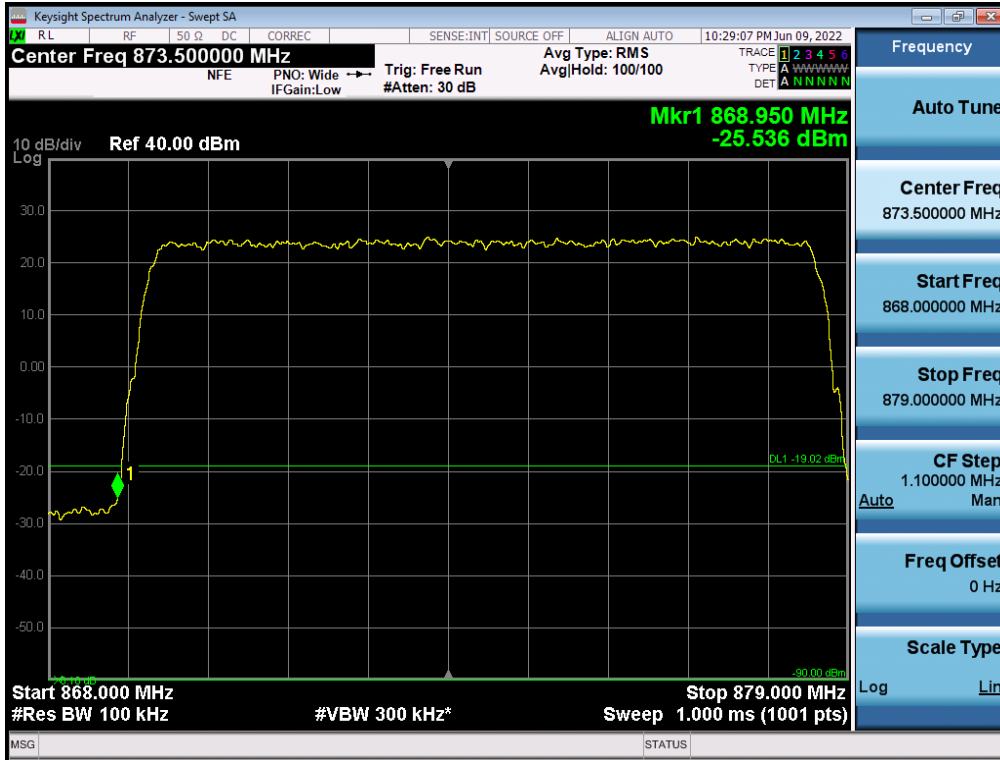
Antenna 3 / (4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 16QAM / Low



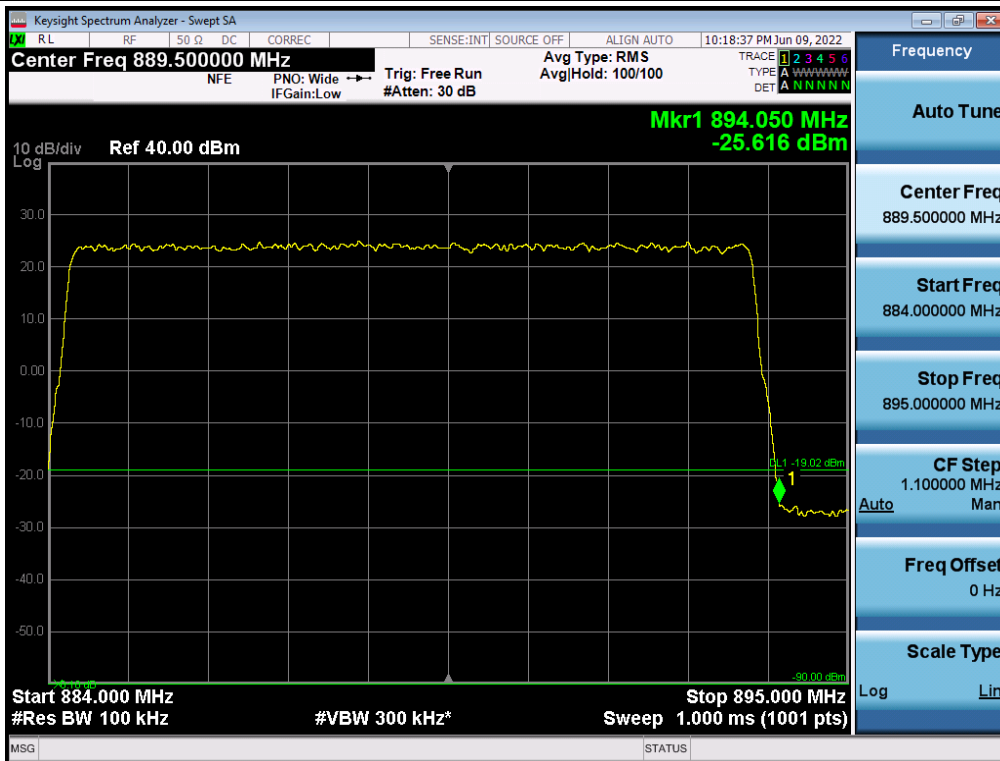
Antenna 3 / (4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 64QAM / High



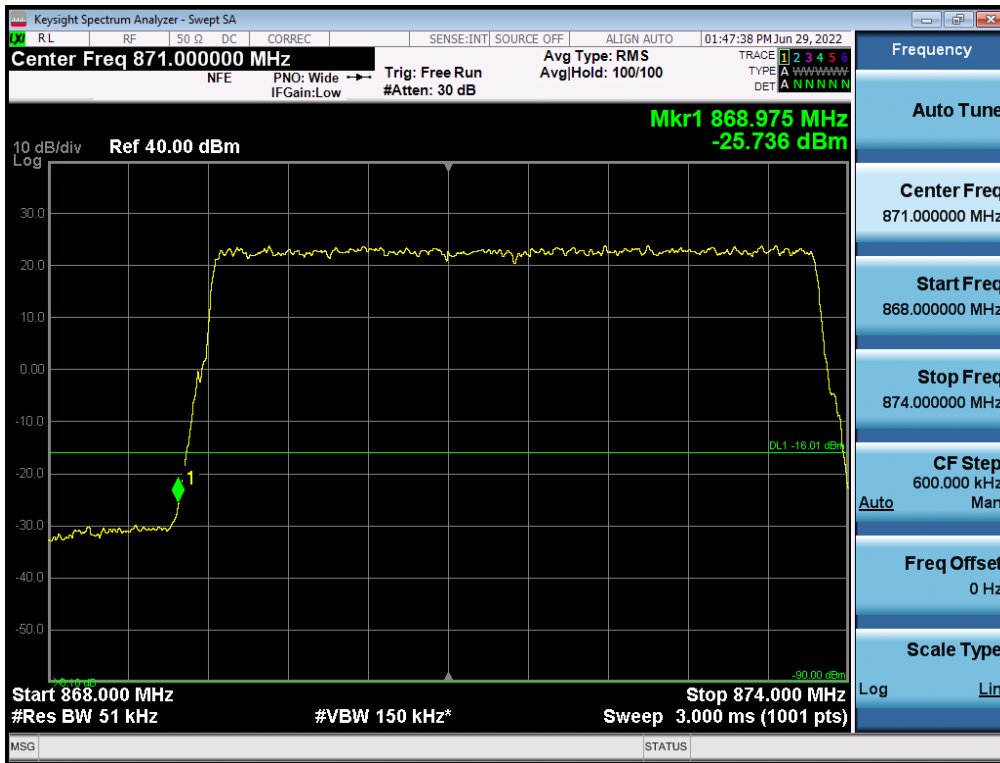
Antenna 3 / (4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 64QAM / Low



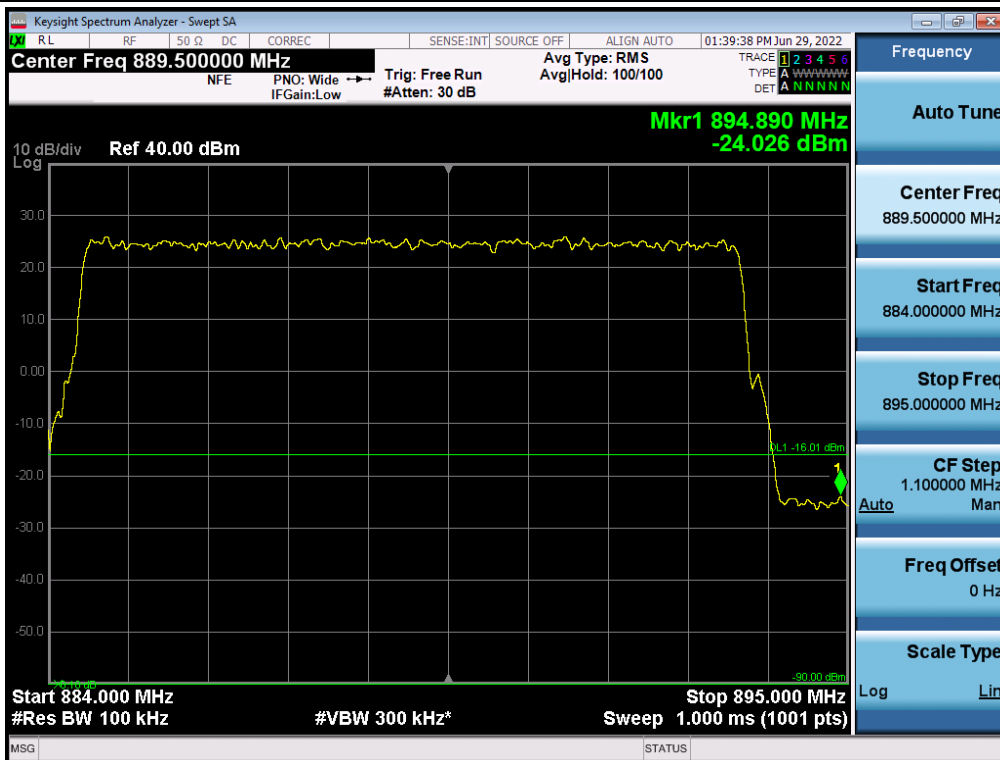
Antenna 2 / (4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous / QPSK / High



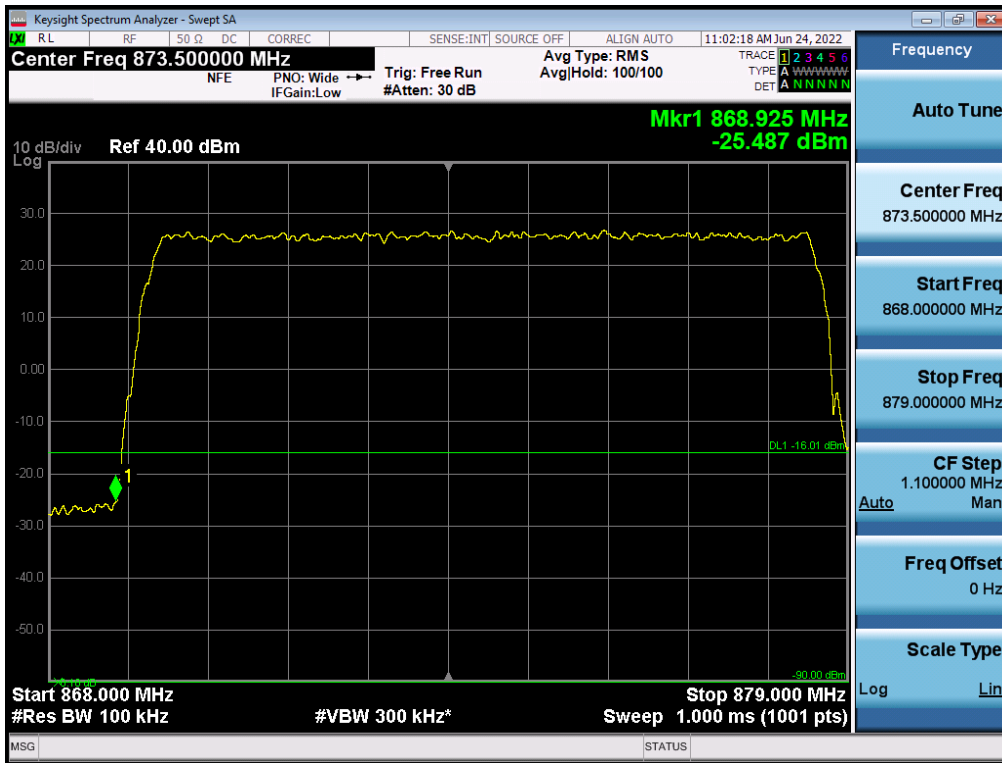
**Antenna 1 / (2 Port)B5 LTE B5 5 MHz 1 Carrier + (5G NR n5 5 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier) [3 Carrier](1C+2C)
/ Non-Contiguous / 256QAM / Low**



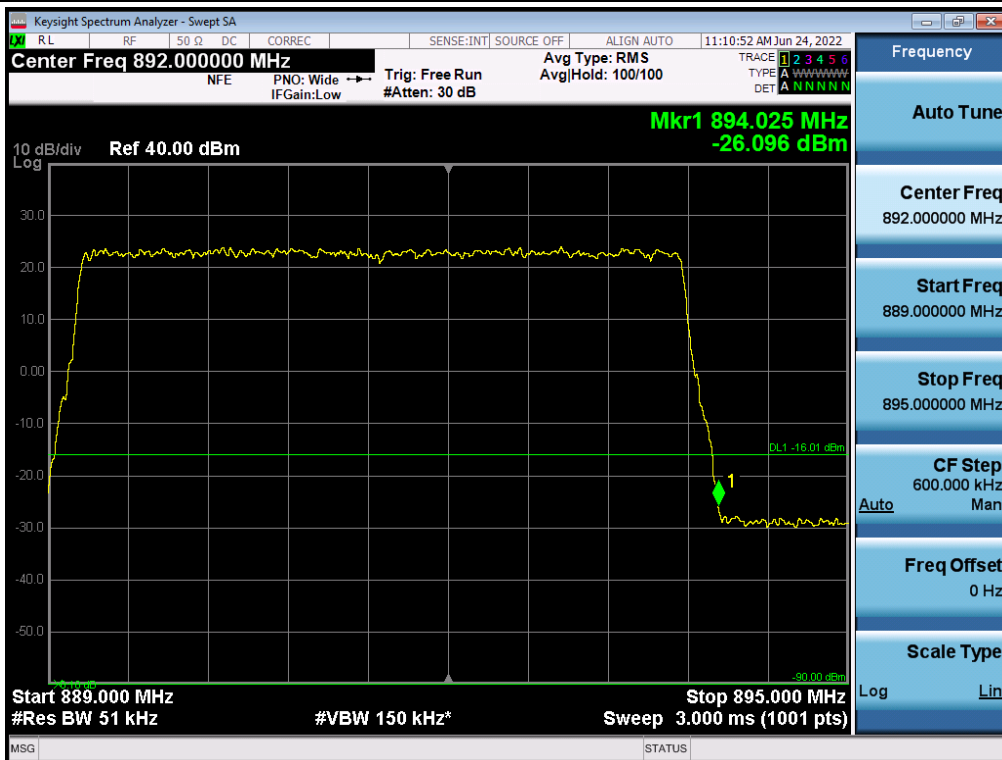
**Antenna 0 / (2 Port)B5 LTE B5 5 MHz 1 Carrier + (5G NR n5 5 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier) [3 Carrier](1C+2C)
/ Non-Contiguous / 256QAM / High**



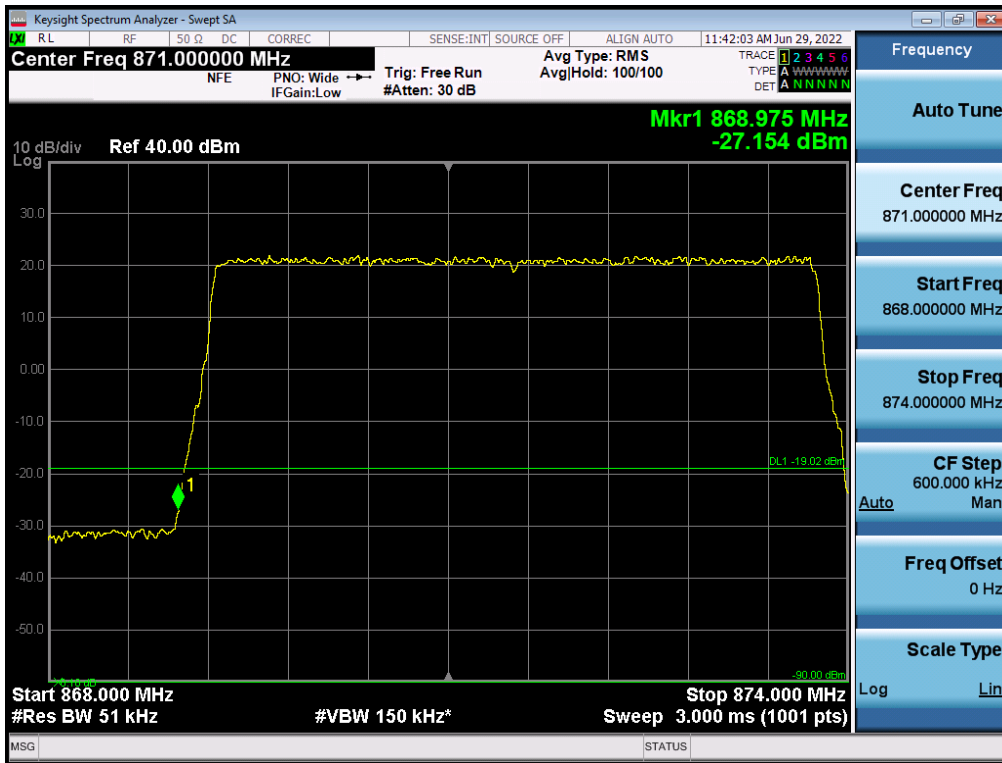
Antenna 0 / (2 Port)(B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier) + LTE B5 5 MHz 1 Carrier [3 Carrier](2C+1C) / Non-Contiguous / 256QAM / Low



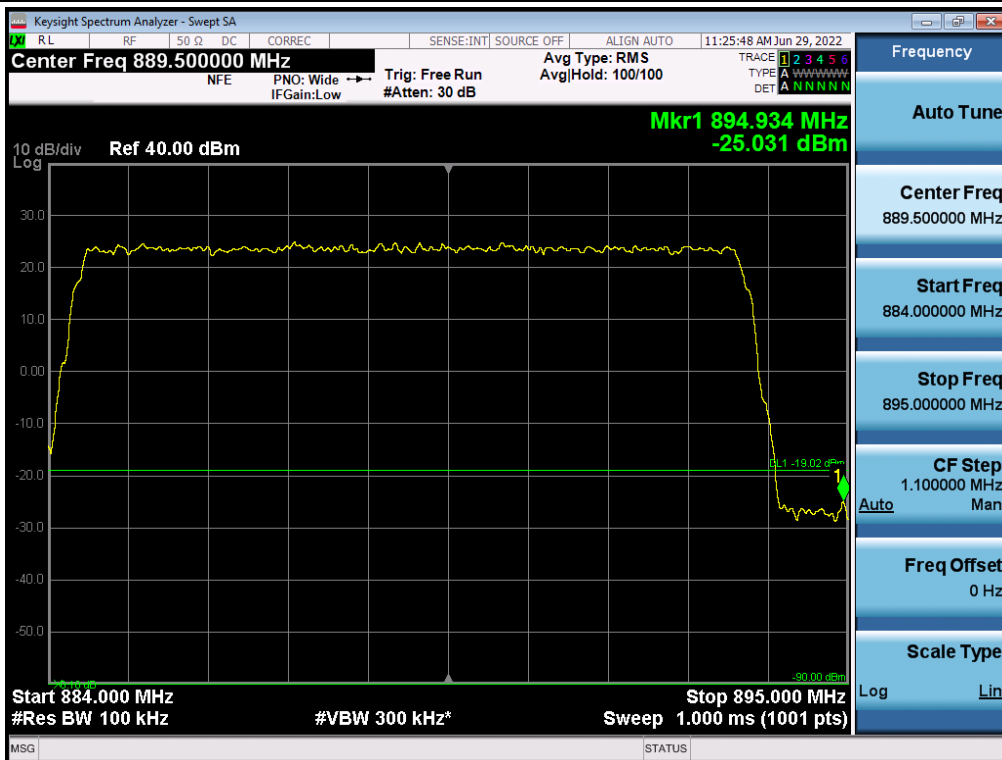
Antenna 1 / (2 Port)(B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier) + LTE B5 5 MHz 1 Carrier [3 Carrier](2C+1C) / Non-Contiguous / 256QAM / High



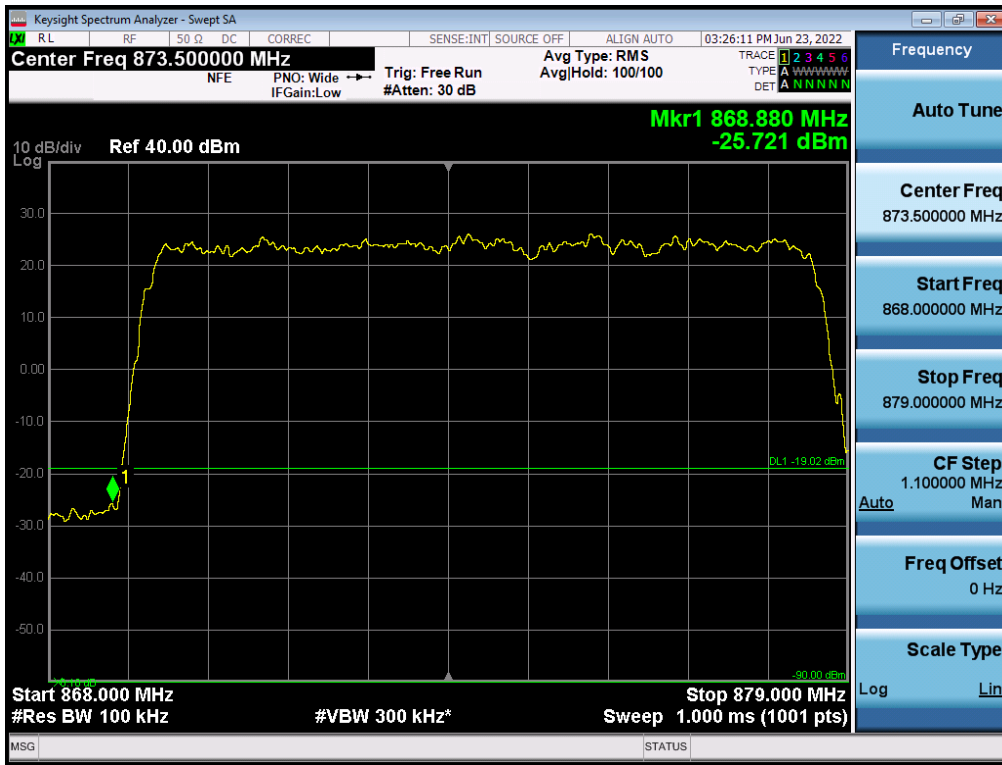
Antenna 2 / (4 Port)B5 LTE 5 MHz 1 Carrier + (5G NR n5 5 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier) [3 Carrier](1C+2C) / Non-Contiguous / 256QAM / Low



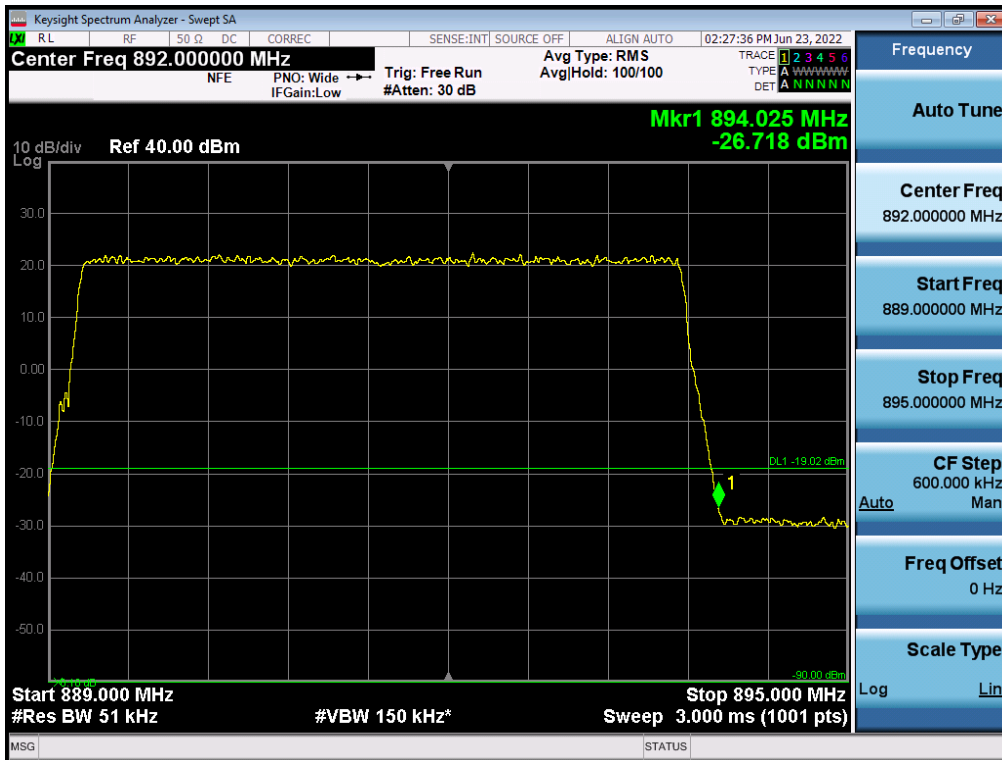
Antenna 0 / (4 Port)B5 LTE 5 MHz 1 Carrier + (5G NR n5 5 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier) [3 Carrier](1C+2C) / Non-Contiguous / 256QAM / High



Antenna 3 / (4 Port)(B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier) + LTE B5 5 MHz 1 Carrier [3 Carrier](2C+1C) / Non-Contiguous / 16QAM / Low



Antenna 3 / (4 Port)(B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier) + LTE B5 5 MHz 1 Carrier [3 Carrier](2C+1C) / Non-Contiguous / 256QAM / High



5.5. SPURIOUS UNWANTED EMISSIONS

Test Requirements:

§ 2.1051 Measurements required: Spurious emissions at antenna terminals.

The radio frequency voltage or powers generated within the equipment and appearing on a spurious frequency shall be checked at the equipment output terminals when properly loaded with a suitable artificial antenna. Curves or equivalent data shall show the magnitude of each harmonic and other spurious emission that can be detected when the equipment is operated under the conditions specified in § 2.1049 as appropriate. The magnitude of spurious emissions which are attenuated more than 20 dB below the permissible value need not be specified.

§ 22.917 Emission limitations for cellular equipment.

The rules in this section govern the spectral characteristics of emissions in the Cellular Radiotelephone Service.

(a) *Out of band emissions.* The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.

(b) Measurement procedure. Compliance with these rules is based on the use of measurement instrumentation employing a reference bandwidth as follows:

(1) In the spectrum below 1 GHz, instrumentation should employ a reference bandwidth of 100 kHz or greater. In the 1 MHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy, provided that the measured power is integrated over the full required reference bandwidth (i.e., 100 kHz or 1 percent of emission bandwidth, as specified). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

(2) In the spectrum above 1 GHz, instrumentation should employ a reference bandwidth of 1 MHz.

(c) *Alternative out of band emission limit.* Licensees in this service may establish an alternative out of band emission limit to be used at specified band edge(s) in specified geographical areas, in lieu of that set forth in this section, pursuant to a private contractual arrangement of all affected licensees and applicants. In this event, each party to such contract shall maintain a copy of the contract in their station files and disclose it to prospective assignees or transferees and, upon request, to the FCC.

(d) *Interference caused by out of band emissions.* If any emission from a transmitter operating in this service results in interference to users of another radio service, the FCC may require a greater attenuation of that emission than specified in this section.

Test Procedures:

The measurement is performed in accordance with Section 5.7.4 of ANSI C63.26.

5.7.4 Spurious unwanted emission measurements

- a) Set the spectrum analyzer start frequency to the lowest frequency generated by the EUT, without going below 9 kHz, and the stop frequency to the lower frequency covered by the measurements previously performed in 5.7.3. As an alternative, the stop frequency can be set to the value specified in 5.1.1, depending on the EUT operating range, if the resulting plot can clearly demonstrate compliance for all frequencies not addressed by the out-of-band emissions measurements performed as per 5.7.3.
- b) When using an average power (rms) detector, ensure that the number of points in the sweep $\geq 2 \times (\text{span} / \text{RBW})$. This may require that the measurement range defined by the start and stop frequencies be subdivided, depending on the spectrum analyzer capabilities. This requirement does not apply to peak-detected power measurements. When average power is specified by the applicable regulation, a peak-detector can be utilized for preliminary measurements to accommodate wider frequency spans. Any emissions found in the preliminary measurement to exceed the applicable limit(s) shall be further examined using a power averaging (rms) detector with the minimum number of measurement points as defined above.
- c) The sweep time should be set to auto-couple for performing peak-detector measurements. For measurements that use a power averaging (rms) detector, the sweep time shall be set as described for out-of-band emissions measurements in item d) of 5.7.3.
- d) Identify and measure the Highest spurious emission levels in each frequency range. It is not necessary to re-measure the out-of-band emissions as a part of this test. Record the frequencies and amplitudes corresponding to the measured emissions and capture the data plots.
- e) Repeat step b) through step d) for the upper spurious emission frequency range if not already captured by a wide span measurement performed as per the alternative provided in step a). The upper frequency for this measurement is defined in 5.1.1 as a function of the EUT operating range.
- f) Compare the results with the corresponding limit in the applicable regulation.
- g) The test report shall include the data plots of the measuring instrument display and the measured data.

Note:

3. In 9 kHz to 30 MHz band, RBW narrower than reference bandwidth is used. So following correction factor is applied.
 - $10 \log [(reference\ bandwidth)/(resolution\ bandwidth)]$
 - : 9 kHz to 150 kHz applied 1 kHz RBW, $10 \log (100\ kHz / 1\ kHz) = 20\ dB$
 - : 150 kHz to 30 MHz applied 10 kHz RBW, $10 \log (100\ kHz / 10\ kHz) = 10\ dB$
4. Due to MIMO operations, a correction has been added to the limit according to KDB 662911 D01 v02r01.
 - 2Tx MIMO correction: $10 \log(N_{ANT}) = 10 \log(2) = 3.01\ dB // -13\ dBm - 10 * \log(2) = -16.01\ dBm$
 - 4Tx MIMO correction: $10 \log(N_{ANT}) = 10 \log(4) = 6.02\ dB // -13\ dBm - 10 * \log(4) = -19.02\ dBm$
5. The results of the Spurious Unwanted Emissions shown above the frequency measured values are very small and similar trend for each port, so we are attached only the worst case plot.

Test Results:
Tabular Data of Spurious Unwanted Emissions

(2 Port)5G NR n5 5 MHz 1 Carrier

Test Result for Output Port 0

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-42.036	-41.211	-41.357	-28.677	-37.810	-20.909
	Middle	-41.430	-40.053	-41.113	-36.300	-36.084	-21.448
	High	-42.302	-41.112	-40.705	-39.145	-29.985	-21.118
16QAM	Low	-41.178	-40.766	-42.275	-31.134	-37.899	-21.269
	Middle	-39.792	-41.105	-40.926	-36.200	-35.489	-21.041
	High	-43.023	-41.839	-41.316	-38.748	-29.451	-20.087
64QAM	Low	-42.014	-40.356	-40.395	-28.085	-37.791	-21.090
	Middle	-42.001	-40.734	-40.444	-36.557	-34.806	-20.319
	High	-42.294	-39.689	-40.936	-38.908	-29.784	-21.122
256QAM	Low	-42.188	-40.090	-40.178	-30.052	-37.499	-21.007
	Middle	-41.906	-40.552	-40.790	-34.809	-34.057	-20.816
	High	-42.058	-40.812	-41.883	-39.107	-29.619	-20.653

Test Result for Output Port 1

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-39.674	-40.748	-41.224	-28.602	-38.353	-20.479
	Middle	-42.116	-40.687	-41.767	-35.849	-35.121	-22.298
	High	-41.802	-40.846	-41.703	-39.422	-29.954	-21.423
16QAM	Low	-40.630	-40.622	-41.579	-30.540	-38.023	-20.524
	Middle	-41.733	-40.529	-41.776	-36.167	-34.428	-21.285
	High	-41.072	-41.424	-41.055	-39.754	-29.546	-21.460
64QAM	Low	-40.075	-40.722	-40.849	-29.049	-38.121	-19.910
	Middle	-42.160	-40.393	-40.657	-36.844	-35.187	-20.987
	High	-42.007	-41.014	-41.141	-39.478	-30.331	-21.669
256QAM	Low	-39.529	-40.417	-41.487	-28.931	-38.309	-19.907
	Middle	-42.152	-40.469	-41.365	-37.683	-37.544	-21.776
	High	-42.831	-40.235	-41.723	-39.440	-29.294	-21.883

**(2 Port)5G NR n5 10 MHz 1 Carrier
Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-40.744	-41.657	-41.628	-27.410	-35.667	-20.496
	Middle	-29.952	-41.710	-41.236	-33.696	-32.969	-20.932
	High	-39.230	-41.438	-41.907	-36.297	-28.493	-20.705
16QAM	Low	-39.641	-39.823	-41.209	-27.161	-34.855	-20.655
	Middle	-36.598	-40.560	-40.842	-34.228	-34.306	-20.609
	High	-35.589	-40.228	-41.051	-36.390	-29.082	-20.741
64QAM	Low	-40.542	-40.397	-41.058	-27.087	-35.798	-20.159
	Middle	-30.224	-40.708	-41.614	-34.790	-33.538	-21.214
	High	-37.071	-40.742	-41.242	-36.200	-28.431	-20.891
256QAM	Low	-41.316	-41.571	-40.674	-26.798	-35.366	-20.716
	Middle	-28.985	-40.507	-41.524	-35.131	-33.815	-20.440
	High	-38.187	-40.463	-41.518	-35.874	-28.476	-21.095

Test Result for Output Port 1

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-40.228	-40.797	-42.281	-27.667	-37.222	-21.983
	Middle	-34.608	-40.845	-41.241	-35.050	-33.915	-21.312
	High	-37.351	-40.347	-40.896	-36.526	-26.173	-22.064
16QAM	Low	-39.359	-41.360	-41.987	-28.930	-35.717	-18.631
	Middle	-36.246	-41.071	-41.113	-32.722	-35.134	-21.640
	High	-34.274	-41.145	-41.610	-36.427	-26.637	-20.767
64QAM	Low	-40.268	-41.395	-41.165	-27.096	-36.990	-21.223
	Middle	-36.518	-40.466	-41.469	-36.187	-34.130	-21.072
	High	-37.528	-39.273	-42.277	-36.142	-26.344	-20.659
256QAM	Low	-40.866	-39.292	-40.036	-27.593	-37.302	-20.728
	Middle	-35.620	-41.526	-39.561	-35.219	-33.662	-21.505
	High	-37.519	-39.733	-41.410	-36.695	-26.381	-21.647

**(4 Port)5G NR n5 5 MHz 1 Carrier
Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-43.431	-40.513	-41.495	-34.760	-37.769	-24.500
	Middle	-44.983	-40.570	-41.214	-38.937	-37.889	-24.316
	High	-47.437	-41.887	-41.110	-39.251	-35.643	-24.579
16QAM	Low	-45.792	-41.898	-41.231	-32.561	-37.768	-24.309
	Middle	-45.734	-40.549	-42.391	-38.264	-38.172	-25.057
	High	-45.900	-40.931	-41.897	-38.625	-34.474	-24.725
64QAM	Low	-45.670	-41.447	-41.595	-34.493	-37.759	-24.818
	Middle	-45.077	-39.267	-41.663	-38.110	-37.265	-24.560
	High	-47.554	-40.769	-40.355	-38.916	-35.711	-24.138
256QAM	Low	-46.644	-41.317	-41.062	-35.094	-38.583	-24.877
	Middle	-46.665	-40.254	-41.456	-38.076	-37.832	-24.883
	High	-47.638	-41.509	-41.153	-39.089	-35.014	-24.324

Test Result for Output Port 1

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-44.662	-41.778	-40.350	-32.159	-38.787	-24.654
	Middle	-43.932	-40.864	-41.789	-39.259	-38.769	-24.507
	High	-43.292	-40.698	-40.292	-39.971	-35.461	-24.524
16QAM	Low	-43.982	-39.781	-41.073	-34.095	-39.118	-24.592
	Middle	-42.991	-41.342	-41.502	-38.387	-38.273	-23.986
	High	-43.274	-40.079	-41.908	-39.771	-33.750	-24.473
64QAM	Low	-43.247	-41.186	-40.658	-32.529	-39.244	-25.304
	Middle	-44.766	-40.226	-41.685	-38.786	-38.836	-24.943
	High	-42.751	-40.686	-40.814	-40.221	-34.329	-25.104
256QAM	Low	-43.899	-40.986	-41.145	-33.652	-39.052	-25.867
	Middle	-44.882	-41.309	-41.338	-38.769	-38.064	-24.779
	High	-45.607	-40.786	-41.385	-39.456	-34.786	-25.523

Test Result for Output Port 2

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-45.922	-40.722	-40.895	-27.832	-38.460	-25.693
	Middle	-45.374	-40.763	-41.684	-35.468	-35.527	-24.559
	High	-44.800	-39.953	-41.537	-39.482	-29.143	-24.799
16QAM	Low	-43.207	-40.296	-41.058	-27.416	-38.347	-25.216
	Middle	-44.027	-40.429	-41.016	-32.360	-32.756	-25.115
	High	-45.341	-40.757	-40.588	-38.996	-27.856	-25.222
64QAM	Low	-45.103	-40.773	-41.518	-27.713	-38.490	-25.298
	Middle	-44.817	-40.106	-40.889	-35.044	-34.608	-24.260
	High	-45.888	-40.869	-41.362	-39.212	-28.164	-25.543
256QAM	Low	-44.418	-40.961	-41.615	-28.060	-38.352	-25.846
	Middle	-44.650	-39.881	-42.131	-35.281	-34.860	-24.917
	High	-46.032	-40.530	-41.061	-38.922	-28.647	-23.610

Test Result for Output Port 3

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-44.831	-41.128	-41.550	-28.195	-38.646	-22.546
	Middle	-43.769	-40.446	-40.937	-36.968	-36.553	-23.691
	High	-44.496	-40.401	-41.457	-38.721	-28.815	-25.193
16QAM	Low	-42.197	-40.470	-41.021	-28.923	-39.529	-24.092
	Middle	-43.037	-40.137	-41.466	-37.126	-38.350	-25.513
	High	-43.716	-40.611	-41.757	-38.994	-28.469	-25.531
64QAM	Low	-43.335	-40.937	-41.079	-29.133	-38.568	-25.924
	Middle	-43.726	-40.674	-40.943	-35.911	-36.777	-24.443
	High	-44.556	-41.639	-41.317	-38.961	-28.320	-24.443
256QAM	Low	-42.671	-41.754	-41.421	-28.649	-38.410	-25.578
	Middle	-44.639	-40.781	-41.929	-36.467	-36.038	-24.394
	High	-45.568	-40.932	-41.768	-38.630	-28.557	-24.954

**(4 Port)5G NR n5 10 MHz 1 Carrier
Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-43.595	-40.435	-41.230	-30.068	-36.006	-25.284
	Middle	-44.529	-40.181	-41.670	-36.114	-33.559	-24.702
	High	-45.039	-40.903	-41.262	-37.255	-29.764	-24.979
16QAM	Low	-42.162	-41.220	-41.374	-30.391	-35.771	-24.152
	Middle	-44.050	-40.618	-40.827	-36.673	-35.838	-25.364
	High	-43.544	-40.116	-41.718	-37.244	-29.997	-25.242
64QAM	Low	-43.114	-40.894	-41.272	-30.097	-37.260	-24.025
	Middle	-43.995	-41.165	-42.304	-35.923	-33.347	-24.782
	High	-43.813	-40.714	-40.992	-37.385	-29.671	-24.749
256QAM	Low	-43.982	-41.183	-41.381	-31.269	-36.533	-24.681
	Middle	-44.788	-40.832	-41.331	-35.893	-33.853	-23.896
	High	-44.008	-40.518	-41.880	-37.895	-30.314	-23.546

Test Result for Output Port 1

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-43.072	-41.341	-41.313	-30.753	-36.977	-24.305
	Middle	-43.570	-41.626	-41.206	-36.111	-34.148	-24.904
	High	-43.509	-40.805	-42.012	-36.535	-27.489	-24.931
16QAM	Low	-41.377	-40.297	-40.151	-30.132	-37.251	-24.792
	Middle	-43.054	-40.385	-41.762	-36.984	-34.752	-25.634
	High	-41.261	-40.819	-41.345	-37.725	-28.796	-25.017
64QAM	Low	-43.468	-41.154	-42.261	-30.481	-36.357	-24.658
	Middle	-43.549	-40.281	-41.324	-35.542	-34.502	-24.602
	High	-44.417	-39.307	-40.480	-36.073	-26.321	-24.840
256QAM	Low	-42.873	-40.798	-41.678	-32.269	-37.298	-25.171
	Middle	-43.929	-40.966	-41.362	-35.538	-33.415	-25.208
	High	-42.685	-40.727	-41.689	-36.797	-27.985	-25.114

Test Result for Output Port 2

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-43.133	-41.442	-41.407	-29.175	-35.308	-25.171
	Middle	-42.847	-41.183	-41.232	-34.376	-33.857	-24.885
	High	-43.732	-40.339	-41.817	-36.276	-28.536	-24.923
16QAM	Low	-43.783	-40.813	-41.176	-28.266	-35.292	-23.775
	Middle	-44.054	-40.114	-41.286	-31.591	-31.791	-25.267
	High	-43.662	-39.947	-41.398	-35.427	-29.305	-24.704
64QAM	Low	-42.695	-40.972	-40.634	-28.237	-34.473	-24.740
	Middle	-44.547	-41.281	-41.445	-33.973	-34.492	-23.944
	High	-44.736	-39.772	-40.000	-35.768	-28.190	-23.881
256QAM	Low	-43.154	-40.901	-41.896	-28.673	-35.795	-24.849
	Middle	-44.712	-41.491	-41.391	-34.382	-33.435	-24.891
	High	-44.005	-40.520	-40.539	-35.341	-29.095	-25.348

Test Result for Output Port 3

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-43.343	-41.634	-42.365	-27.367	-34.184	-25.453
	Middle	-44.431	-41.066	-41.962	-32.267	-33.261	-25.084
	High	-42.195	-41.261	-41.530	-35.102	-27.950	-24.784
16QAM	Low	-42.219	-40.684	-40.799	-26.921	-36.101	-25.268
	Middle	-43.596	-40.293	-41.305	-32.432	-33.142	-25.578
	High	-43.289	-39.547	-42.389	-35.969	-27.558	-25.120
64QAM	Low	-42.592	-40.791	-40.989	-27.315	-34.691	-24.961
	Middle	-44.158	-39.720	-41.487	-32.604	-32.655	-25.408
	High	-43.490	-40.614	-41.771	-34.794	-28.194	-24.500
256QAM	Low	-42.397	-40.598	-41.335	-27.104	-34.557	-25.429
	Middle	-43.260	-40.525	-41.017	-31.778	-32.309	-25.061
	High	-42.357	-39.761	-41.918	-35.147	-27.756	-24.483

Tabular Data of RF Contiguous

(2 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier]

Test Result for Output Port 0

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-41.943	-40.824	-40.960	-26.998	-35.083	-20.821
	Middle	-40.792	-40.924	-40.982	-32.870	-31.499	-21.117
	High	-42.064	-40.658	-40.396	-32.103	-25.682	-20.558
16QAM	Low	-39.498	-40.045	-40.911	-27.450	-35.784	-19.714
	Middle	-40.559	-40.743	-40.307	-32.323	-31.823	-20.921
	High	-41.403	-40.779	-40.946	-32.759	-24.655	-20.002
64QAM	Low	-40.040	-40.054	-41.812	-26.880	-35.453	-20.748
	Middle	-40.956	-40.634	-41.391	-32.531	-32.082	-20.630
	High	-41.732	-40.411	-40.722	-32.325	-26.571	-20.810
256QAM	Low	-41.391	-40.493	-41.623	-26.166	-35.066	-20.475
	Middle	-40.920	-40.709	-41.062	-32.294	-30.782	-21.471
	High	-42.485	-39.900	-40.858	-32.383	-26.263	-20.659

Test Result for Output Port 1

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-41.256	-41.485	-41.080	-27.981	-35.298	-21.681
	Middle	-39.210	-39.875	-41.339	-33.261	-32.828	-21.689
	High	-40.201	-41.213	-41.097	-34.361	-26.609	-20.768
16QAM	Low	-38.577	-38.941	-41.126	-28.121	-34.287	-21.385
	Middle	-41.655	-40.218	-41.543	-32.816	-32.013	-20.940
	High	-39.750	-39.862	-40.736	-34.271	-25.040	-20.217
64QAM	Low	-40.407	-41.068	-41.362	-27.704	-35.816	-20.742
	Middle	-39.963	-39.900	-40.501	-32.764	-32.703	-20.860
	High	-41.194	-40.437	-39.939	-34.260	-25.416	-20.294
256QAM	Low	-41.253	-40.488	-41.923	-27.261	-33.995	-20.942
	Middle	-40.246	-40.312	-41.228	-33.092	-32.845	-21.256
	High	-41.273	-40.751	-41.661	-34.033	-25.841	-20.829

(2 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier]

Test Result for Output Port 0

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-45.346	-41.143	-40.272	-27.971	-30.025	-19.972
	Middle	-44.743	-41.260	-40.884	-29.041	-27.812	-20.913
	High	-41.969	-39.120	-41.534	-28.579	-25.079	-20.904
16QAM	Low	-42.590	-39.521	-39.436	-27.280	-28.655	-20.548
	Middle	-42.049	-40.867	-40.882	-28.085	-28.140	-20.848
	High	-41.568	-40.679	-40.129	-29.098	-27.147	-20.783
64QAM	Low	-44.023	-41.469	-40.865	-28.289	-30.004	-19.241
	Middle	-43.658	-40.327	-40.398	-28.890	-27.861	-20.301
	High	-42.697	-40.382	-41.700	-28.852	-25.487	-20.381
256QAM	Low	-44.162	-40.557	-40.960	-27.882	-29.385	-20.661
	Middle	-44.574	-40.023	-41.707	-28.499	-28.475	-21.097
	High	-42.997	-40.475	-41.604	-28.098	-25.927	-20.359

Test Result for Output Port 1

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-41.733	-41.010	-40.349	-28.110	-28.294	-21.175
	Middle	-40.702	-40.771	-41.799	-28.806	-26.530	-20.549
	High	-39.947	-40.636	-41.155	-29.646	-26.735	-21.374
16QAM	Low	-43.015	-40.264	-40.822	-27.734	-28.250	-21.052
	Middle	-39.248	-40.323	-41.617	-28.851	-27.040	-21.083
	High	-41.198	-41.382	-41.009	-30.254	-26.648	-21.754
64QAM	Low	-41.880	-39.641	-40.525	-28.062	-28.184	-21.809
	Middle	-42.165	-39.915	-40.964	-28.362	-26.826	-19.291
	High	-41.948	-38.602	-41.213	-31.303	-26.256	-20.283
256QAM	Low	-41.969	-39.676	-41.142	-28.009	-28.085	-21.204
	Middle	-42.537	-40.875	-41.098	-28.335	-27.109	-20.737
	High	-41.253	-40.497	-40.893	-31.437	-26.518	-21.080

(2 Port)B5 DSS 10 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier [2 Carrier]

Test Result for Output Port 0

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-44.503	-40.699	-41.410	-28.324	-28.583	-25.268
	Middle	-43.754	-40.969	-41.321	-28.722	-27.536	-25.424
	High	-44.795	-41.424	-41.910	-29.939	-27.278	-25.097
16QAM	Low	-43.904	-42.102	-40.348	-28.732	-29.524	-23.586
	Middle	-44.009	-40.180	-41.485	-29.973	-27.694	-25.317
	High	-43.676	-42.263	-40.680	-29.700	-27.332	-24.837
64QAM	Low	-44.634	-41.452	-41.155	-28.683	-27.909	-25.047
	Middle	-43.641	-41.666	-40.817	-27.984	-27.372	-25.248
	High	-44.132	-41.537	-40.946	-29.607	-26.993	-24.443
256QAM	Low	-43.997	-41.580	-41.122	-26.946	-27.072	-24.674
	Middle	-44.456	-40.912	-41.181	-28.351	-26.761	-24.032
	High	-43.759	-41.113	-41.406	-29.656	-26.459	-24.659

Test Result for Output Port 1

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-42.623	-41.045	-41.306	-27.025	-27.533	-24.877
	Middle	-44.253	-40.880	-41.289	-28.174	-26.532	-24.741
	High	-43.561	-40.359	-41.291	-29.985	-25.965	-23.463
16QAM	Low	-44.154	-41.250	-41.682	-29.422	-28.328	-25.600
	Middle	-42.477	-41.126	-40.839	-28.826	-26.867	-24.983
	High	-41.472	-40.103	-41.572	-30.972	-26.322	-24.811
64QAM	Low	-43.510	-40.812	-41.557	-28.486	-27.138	-25.267
	Middle	-42.919	-40.835	-41.200	-28.048	-26.249	-25.751
	High	-44.621	-40.504	-41.766	-30.306	-25.812	-24.011
256QAM	Low	-43.181	-40.550	-42.269	-28.240	-28.179	-24.698
	Middle	-43.521	-41.324	-41.487	-27.794	-26.608	-24.161
	High	-43.354	-40.925	-41.360	-29.874	-25.999	-24.658

(2 Port)5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier]

Test Result for Output Port 0

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-41.291	-41.574	-41.063	-27.941	-35.263	-20.557
	Middle	-41.348	-41.007	-41.003	-30.880	-31.613	-20.711
	High	-40.078	-40.424	-41.717	-29.995	-23.194	-20.410
16QAM	Low	-40.978	-41.379	-41.558	-27.012	-34.711	-19.795
	Middle	-38.568	-39.932	-41.506	-34.049	-32.203	-21.916
	High	-39.210	-41.248	-41.929	-32.006	-26.090	-20.787
64QAM	Low	-39.768	-41.470	-41.554	-28.150	-35.135	-21.005
	Middle	-41.299	-40.558	-41.274	-32.098	-31.847	-20.447
	High	-40.465	-41.493	-41.544	-29.967	-23.458	-20.447
256QAM	Low	-40.668	-41.379	-41.743	-27.022	-34.828	-21.320
	Middle	-39.993	-40.378	-41.297	-30.764	-30.615	-20.306
	High	-39.751	-41.574	-40.769	-29.081	-23.371	-20.530

Test Result for Output Port 1

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-39.331	-41.387	-41.699	-28.038	-35.823	-20.872
	Middle	-38.931	-41.247	-40.881	-33.130	-30.657	-21.065
	High	-37.623	-41.369	-41.839	-35.778	-23.535	-21.104
16QAM	Low	-40.191	-41.271	-41.924	-25.852	-35.043	-21.561
	Middle	-37.483	-40.678	-40.962	-31.849	-31.387	-19.652
	High	-40.070	-41.307	-41.300	-35.116	-24.734	-20.092
64QAM	Low	-39.684	-39.639	-41.611	-27.057	-34.447	-20.949
	Middle	-41.647	-40.550	-40.702	-33.014	-31.439	-21.239
	High	-38.646	-40.409	-41.056	-35.866	-23.600	-20.996
256QAM	Low	-40.819	-41.119	-41.155	-26.591	-35.442	-21.002
	Middle	-39.612	-40.940	-41.553	-33.720	-30.960	-21.579
	High	-40.550	-40.690	-41.781	-35.242	-23.429	-20.895

(2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier]

Test Result for Output Port 0

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-25.599	-40.310	-41.478	-27.731	-30.969	-23.869
	Middle	-38.236	-41.079	-40.599	-30.812	-29.019	-25.281
	High	-38.144	-40.966	-41.155	-33.357	-28.012	-24.660
16QAM	Low	-35.474	-39.498	-41.083	-27.429	-31.720	-24.721
	Middle	-36.091	-39.727	-41.468	-30.690	-28.959	-24.004
	High	-33.383	-41.171	-40.797	-32.817	-27.604	-25.049
64QAM	Low	-26.376	-40.222	-41.474	-27.749	-31.776	-24.696
	Middle	-30.186	-40.644	-41.056	-30.794	-29.262	-23.806
	High	-39.750	-40.434	-41.020	-34.134	-26.671	-24.649
256QAM	Low	-26.589	-40.516	-39.997	-27.234	-31.036	-23.799
	Middle	-34.013	-40.173	-41.348	-31.267	-29.255	-23.795
	High	-38.874	-39.700	-40.856	-31.405	-26.532	-24.649

Test Result for Output Port 1

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-26.851	-39.989	-40.854	-28.183	-32.445	-23.429
	Middle	-32.258	-40.451	-41.622	-30.597	-29.411	-25.013
	High	-38.465	-40.259	-41.047	-33.008	-26.682	-24.666
16QAM	Low	-34.535	-40.898	-40.523	-28.570	-31.270	-24.541
	Middle	-36.850	-39.868	-41.334	-31.533	-28.899	-24.530
	High	-33.323	-39.659	-41.472	-33.006	-26.592	-24.897
64QAM	Low	-29.811	-40.252	-41.307	-27.764	-31.814	-24.520
	Middle	-34.906	-41.061	-41.826	-30.908	-29.092	-24.824
	High	-38.757	-40.912	-41.104	-32.089	-26.959	-24.397
256QAM	Low	-29.504	-41.148	-41.601	-28.065	-32.255	-24.677
	Middle	-36.555	-40.118	-41.167	-30.997	-29.029	-25.158
	High	-30.630	-40.008	-42.027	-33.385	-26.664	-24.638

(2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier]

Test Result for Output Port 0

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-40.319	-39.852	-40.465	-28.508	-28.467	-24.265
	Middle	-40.376	-40.791	-40.975	-28.843	-27.548	-24.646
	High	-37.549	-40.102	-41.443	-29.903	-27.879	-24.776
16QAM	Low	-41.175	-40.428	-40.662	-29.140	-28.858	-24.681
	Middle	-34.881	-40.862	-40.811	-29.663	-27.601	-24.337
	High	-38.833	-39.785	-40.379	-28.654	-27.172	-25.118
64QAM	Low	-40.886	-40.721	-39.781	-28.084	-28.067	-25.237
	Middle	-38.640	-40.270	-41.120	-28.123	-27.428	-24.668
	High	-37.802	-40.251	-39.852	-29.986	-26.526	-24.247
256QAM	Low	-39.363	-40.594	-41.023	-27.765	-29.339	-24.459
	Middle	-30.468	-39.854	-40.468	-27.713	-27.243	-24.152
	High	-37.582	-40.563	-40.431	-29.356	-26.850	-24.622

Test Result for Output Port 1

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-41.925	-39.419	-40.806	-28.495	-28.053	-24.615
	Middle	-30.766	-40.633	-41.877	-27.661	-26.851	-25.012
	High	-36.742	-39.758	-41.087	-30.453	-27.116	-25.194
16QAM	Low	-38.828	-40.927	-40.355	-28.731	-27.754	-24.096
	Middle	-34.597	-41.398	-41.378	-29.173	-27.050	-24.503
	High	-39.259	-40.649	-41.208	-30.494	-26.481	-24.798
64QAM	Low	-40.678	-38.514	-41.047	-28.275	-27.419	-25.772
	Middle	-31.730	-40.192	-41.069	-27.895	-27.126	-24.339
	High	-38.539	-40.362	-41.020	-30.449	-27.128	-25.592
256QAM	Low	-39.356	-40.853	-41.179	-28.043	-27.454	-24.827
	Middle	-32.383	-40.583	-40.977	-28.625	-27.419	-24.698
	High	-38.200	-39.969	-40.459	-30.388	-26.623	-25.381

(4 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier]
Test Result for Output Port 0

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-43.729	-40.395	-41.014	-29.270	-34.289	-24.341
	Middle	-41.976	-40.049	-41.419	-32.426	-30.859	-24.158
	High	-44.079	-40.908	-41.594	-36.856	-29.488	-24.590
16QAM	Low	-43.300	-39.671	-41.808	-30.051	-35.250	-24.186
	Middle	-43.453	-40.712	-41.353	-32.827	-32.084	-23.949
	High	-43.957	-40.856	-40.949	-37.105	-29.660	-24.762
64QAM	Low	-43.596	-40.533	-41.642	-28.734	-33.420	-24.738
	Middle	-43.277	-40.445	-40.157	-35.228	-34.229	-24.426
	High	-42.981	-39.901	-41.741	-36.673	-28.773	-24.838
256QAM	Low	-43.514	-40.146	-41.999	-29.352	-34.470	-24.519
	Middle	-42.989	-41.158	-38.454	-34.992	-32.526	-23.653
	High	-44.291	-40.341	-41.010	-36.572	-30.109	-23.826

Test Result for Output Port 1

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-40.132	-39.876	-41.216	-30.092	-36.208	-23.770
	Middle	-41.190	-40.346	-41.566	-34.927	-33.205	-24.601
	High	-40.885	-40.560	-41.811	-36.540	-27.929	-23.804
16QAM	Low	-41.020	-39.563	-41.491	-30.943	-36.557	-24.947
	Middle	-41.132	-39.603	-41.718	-36.303	-33.516	-22.932
	High	-40.950	-40.457	-41.954	-36.975	-26.382	-25.079
64QAM	Low	-40.961	-40.120	-41.692	-28.895	-34.824	-25.003
	Middle	-40.752	-40.869	-40.735	-34.274	-33.435	-25.398
	High	-41.970	-40.005	-41.448	-35.545	-27.342	-23.197
256QAM	Low	-42.305	-41.659	-40.511	-29.334	-34.219	-25.180
	Middle	-42.294	-39.516	-41.543	-34.079	-33.341	-24.710
	High	-41.464	-40.373	-40.608	-36.444	-28.955	-25.031

Test Result for Output Port 2

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-43.521	-40.733	-40.759	-27.538	-33.960	-25.199
	Middle	-41.817	-40.790	-41.085	-32.821	-31.817	-25.090
	High	-42.442	-41.049	-41.826	-35.533	-27.883	-23.547
16QAM	Low	-42.249	-40.747	-41.101	-28.023	-33.126	-25.598
	Middle	-42.122	-39.991	-40.030	-32.885	-32.140	-25.065
	High	-43.730	-39.635	-40.749	-34.905	-27.958	-24.727
64QAM	Low	-42.912	-40.338	-41.307	-27.541	-34.459	-24.711
	Middle	-43.386	-39.795	-41.348	-32.071	-31.536	-25.066
	High	-44.423	-40.546	-41.006	-35.046	-28.311	-24.724
256QAM	Low	-43.115	-40.735	-41.373	-26.980	-34.808	-24.047
	Middle	-42.952	-40.587	-41.611	-32.304	-32.075	-25.568
	High	-43.834	-40.409	-41.124	-34.661	-28.291	-25.596

Test Result for Output Port 3

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-43.081	-40.692	-41.933	-26.755	-33.471	-23.696
	Middle	-42.061	-40.592	-41.921	-32.300	-32.024	-25.355
	High	-42.520	-40.194	-42.026	-35.300	-27.004	-25.815
16QAM	Low	-41.662	-40.363	-40.997	-26.744	-33.438	-25.276
	Middle	-42.228	-39.018	-40.266	-30.983	-31.359	-24.869
	High	-42.311	-40.634	-42.197	-35.813	-27.620	-24.954
64QAM	Low	-42.596	-40.762	-41.750	-26.564	-33.648	-25.026
	Middle	-42.320	-40.424	-40.778	-32.214	-31.632	-25.153
	High	-42.416	-40.511	-41.644	-33.736	-26.697	-24.904
256QAM	Low	-41.573	-40.275	-41.202	-26.941	-33.438	-25.619
	Middle	-42.885	-40.012	-41.497	-31.418	-31.326	-24.286
	High	-42.129	-40.744	-40.754	-35.814	-27.291	-24.854

(4 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier]

Test Result for Output Port 0

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-46.197	-39.078	-41.071	-31.021	-31.757	-24.706
	Middle	-45.489	-39.084	-40.877	-32.286	-30.263	-25.210
	High	-45.421	-41.151	-41.613	-31.437	-28.737	-24.705
16QAM	Low	-45.280	-39.619	-40.317	-30.842	-32.355	-23.899
	Middle	-44.823	-40.055	-40.619	-31.528	-31.658	-23.943
	High	-44.757	-39.542	-41.479	-32.400	-30.490	-24.414
64QAM	Low	-44.202	-39.932	-41.386	-31.177	-32.479	-24.751
	Middle	-43.929	-40.671	-41.378	-31.818	-29.204	-23.765
	High	-44.424	-39.706	-41.529	-31.496	-30.233	-25.454
256QAM	Low	-44.084	-40.172	-41.176	-31.332	-32.308	-24.290
	Middle	-44.973	-39.818	-41.710	-31.470	-29.752	-24.113
	High	-45.280	-39.316	-41.089	-32.009	-29.367	-24.307

Test Result for Output Port 1

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-43.486	-40.030	-40.797	-29.631	-29.524	-24.825
	Middle	-45.187	-40.833	-42.107	-29.825	-29.118	-25.346
	High	-42.040	-39.843	-40.229	-31.793	-29.148	-23.725
16QAM	Low	-43.386	-40.774	-41.104	-31.252	-31.173	-23.993
	Middle	-43.884	-40.873	-40.753	-30.996	-30.031	-25.393
	High	-42.050	-41.182	-41.038	-33.091	-28.390	-24.485
64QAM	Low	-42.143	-41.031	-41.227	-29.796	-30.270	-24.948
	Middle	-44.020	-41.574	-41.389	-29.982	-28.714	-24.431
	High	-43.432	-40.971	-40.489	-32.083	-28.659	-25.116
256QAM	Low	-42.056	-40.221	-40.873	-26.546	-28.235	-25.620
	Middle	-43.276	-40.974	-42.015	-29.532	-28.176	-24.153
	High	-43.481	-41.017	-41.891	-32.589	-28.944	-25.325

Test Result for Output Port 2

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-44.726	-40.679	-41.582	-28.301	-27.850	-24.846
	Middle	-44.492	-40.473	-41.843	-29.350	-28.192	-24.961
	High	-45.714	-40.699	-40.504	-29.314	-28.383	-24.180
16QAM	Low	-43.235	-40.244	-41.174	-29.280	-29.463	-24.533
	Middle	-44.323	-40.229	-41.130	-29.117	-29.257	-24.375
	High	-44.531	-40.538	-40.478	-30.033	-28.537	-24.166
64QAM	Low	-43.897	-40.825	-40.614	-29.132	-28.872	-24.883
	Middle	-44.409	-40.771	-41.701	-28.519	-28.199	-24.844
	High	-43.974	-40.369	-41.103	-28.928	-28.515	-24.824
256QAM	Low	-44.219	-40.805	-41.831	-28.220	-27.753	-23.860
	Middle	-44.279	-40.303	-41.274	-28.869	-28.228	-24.612
	High	-43.956	-41.072	-41.341	-29.540	-28.284	-24.856

Test Result for Output Port 3

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-43.327	-40.605	-40.326	-29.072	-28.659	-24.755
	Middle	-44.177	-40.761	-41.328	-29.537	-27.904	-23.912
	High	-44.759	-40.430	-40.753	-29.776	-28.703	-23.783
16QAM	Low	-41.995	-40.860	-41.068	-28.530	-29.432	-25.844
	Middle	-44.191	-40.657	-41.996	-29.054	-27.877	-25.556
	High	-43.184	-40.403	-41.081	-29.291	-28.009	-25.486
64QAM	Low	-43.719	-40.704	-41.764	-27.836	-28.618	-25.533
	Middle	-43.458	-40.296	-41.478	-29.064	-27.502	-25.137
	High	-42.981	-40.113	-40.274	-29.384	-28.333	-25.601
256QAM	Low	-44.792	-40.829	-41.376	-28.528	-28.332	-25.942
	Middle	-43.224	-40.192	-41.261	-28.283	-27.160	-24.893
	High	-43.214	-40.492	-41.216	-29.989	-28.417	-25.648

(4 Port)B5 DSS 10 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier [2 Carrier]
Test Result for Output Port 0

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-46.391	-41.100	-40.978	-31.262	-32.021	-22.871
	Middle	-47.704	-40.860	-41.583	-32.537	-31.245	-23.291
	High	-45.431	-40.882	-40.285	-32.731	-30.392	-23.519
16QAM	Low	-44.747	-40.651	-41.423	-32.207	-31.721	-24.480
	Middle	-46.680	-39.110	-41.253	-32.333	-31.121	-24.781
	High	-46.013	-40.392	-40.691	-33.462	-30.159	-24.720
64QAM	Low	-45.517	-40.620	-40.733	-32.095	-31.789	-24.885
	Middle	-46.406	-40.616	-41.964	-30.403	-29.541	-24.968
	High	-45.820	-40.623	-41.928	-30.406	-27.705	-24.758
256QAM	Low	-44.844	-40.677	-40.885	-31.397	-32.443	-24.099
	Middle	-46.349	-41.081	-41.982	-31.011	-27.921	-24.365
	High	-47.534	-40.655	-40.627	-30.713	-27.013	-25.073

Test Result for Output Port 1

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-45.148	-40.907	-41.389	-27.300	-27.589	-24.745
	Middle	-46.195	-39.773	-41.839	-30.699	-30.428	-24.863
	High	-45.802	-40.648	-41.153	-23.625	-21.809	-25.162
16QAM	Low	-45.554	-39.991	-42.060	-30.283	-30.334	-25.159
	Middle	-44.365	-40.795	-41.641	-31.552	-30.740	-24.653
	High	-44.380	-41.432	-41.013	-32.739	-29.267	-25.188
64QAM	Low	-44.260	-40.779	-41.667	-26.502	-26.908	-24.632
	Middle	-44.360	-40.138	-41.585	-31.011	-30.280	-23.732
	High	-45.884	-41.171	-40.644	-23.783	-22.321	-24.888
256QAM	Low	-44.134	-41.265	-41.091	-27.961	-29.070	-24.228
	Middle	-46.704	-40.509	-41.568	-30.163	-29.015	-24.567
	High	-45.658	-40.476	-41.523	-25.506	-20.566	-25.705

Test Result for Output Port 2

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-45.830	-40.295	-40.812	-29.915	-29.373	-24.969
	Middle	-47.165	-40.423	-41.283	-28.204	-28.187	-25.640
	High	-46.561	-40.346	-40.919	-30.805	-27.938	-25.571
16QAM	Low	-45.807	-40.508	-40.996	-29.298	-29.719	-24.087
	Middle	-45.673	-41.493	-41.476	-29.418	-27.723	-24.658
	High	-46.387	-41.146	-40.285	-29.197	-27.304	-24.801
64QAM	Low	-46.382	-39.801	-41.471	-29.661	-30.026	-24.488
	Middle	-44.865	-41.385	-40.474	-28.552	-27.969	-23.808
	High	-44.961	-41.289	-40.867	-30.818	-27.315	-25.546
256QAM	Low	-44.210	-40.851	-41.494	-30.353	-30.174	-23.411
	Middle	-45.759	-41.775	-41.569	-28.537	-28.656	-25.276
	High	-45.203	-40.694	-42.014	-30.287	-27.041	-25.428

Test Result for Output Port 3

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-46.605	-40.703	-42.049	-28.839	-28.671	-25.277
	Middle	-43.762	-40.985	-41.540	-29.027	-26.765	-25.015
	High	-44.169	-40.701	-41.085	-29.562	-27.853	-24.896
16QAM	Low	-46.167	-40.600	-41.466	-29.091	-28.575	-25.304
	Middle	-45.087	-40.334	-41.156	-28.897	-27.943	-24.519
	High	-43.652	-40.401	-42.053	-29.407	-27.282	-23.670
64QAM	Low	-44.022	-41.490	-41.028	-29.116	-28.977	-24.046
	Middle	-44.698	-41.115	-41.826	-28.922	-26.852	-26.178
	High	-45.015	-40.819	-40.355	-29.024	-26.958	-25.350
256QAM	Low	-45.752	-40.626	-41.188	-28.818	-28.520	-23.837
	Middle	-45.799	-40.279	-41.804	-28.740	-27.270	-25.680
	High	-45.390	-40.863	-41.746	-29.553	-27.619	-25.780

(4 Port)5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier]

Test Result for Output Port 0

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-40.223	-41.282	-40.608	-30.781	-35.595	-24.915
	Middle	-41.830	-41.042	-41.816	-34.705	-34.002	-24.377
	High	-40.108	-40.395	-40.480	-36.534	-29.653	-25.257
16QAM	Low	-41.678	-40.965	-41.269	-29.183	-35.379	-24.189
	Middle	-33.526	-40.414	-40.502	-34.433	-32.804	-24.905
	High	-33.928	-39.893	-41.525	-37.378	-30.086	-23.892
64QAM	Low	-40.976	-40.828	-40.855	-30.040	-35.441	-24.649
	Middle	-43.560	-40.944	-41.140	-35.007	-33.573	-25.067
	High	-26.993	-41.505	-41.174	-36.799	-33.866	-24.644
256QAM	Low	-41.452	-40.366	-41.282	-30.049	-37.861	-24.543
	Middle	-38.529	-40.538	-40.276	-34.141	-33.270	-23.739
	High	-32.774	-40.637	-40.557	-37.019	-30.577	-24.777

Test Result for Output Port 1

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-40.961	-40.215	-41.053	-29.742	-35.503	-24.256
	Middle	-43.271	-40.860	-41.833	-34.506	-32.024	-25.501
	High	-27.050	-40.329	-41.332	-36.287	-27.919	-24.868
16QAM	Low	-39.684	-40.773	-41.243	-27.931	-35.356	-24.754
	Middle	-35.145	-40.567	-41.307	-33.169	-31.271	-24.038
	High	-35.159	-40.237	-42.050	-37.273	-27.508	-24.675
64QAM	Low	-40.345	-41.107	-40.881	-31.050	-35.494	-24.782
	Middle	-41.779	-41.156	-40.771	-33.436	-31.813	-24.984
	High	-27.771	-40.640	-41.154	-35.806	-27.614	-25.525
256QAM	Low	-40.385	-40.818	-41.139	-29.865	-35.414	-25.880
	Middle	-42.351	-40.120	-41.379	-36.357	-35.088	-23.505
	High	-27.762	-40.275	-41.292	-36.503	-27.134	-24.181

Test Result for Output Port 2

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-39.255	-40.083	-41.091	-27.841	-33.541	-24.896
	Middle	-42.639	-40.649	-41.118	-30.051	-28.419	-24.694
	High	-27.129	-39.970	-41.209	-35.108	-28.068	-25.420
16QAM	Low	-40.002	-40.831	-40.715	-27.357	-33.554	-25.481
	Middle	-35.240	-39.814	-41.075	-31.859	-32.004	-24.547
	High	-35.241	-40.712	-41.775	-35.393	-26.889	-24.136
64QAM	Low	-41.146	-40.486	-39.444	-26.151	-33.667	-24.528
	Middle	-42.884	-40.989	-40.731	-29.069	-27.554	-25.109
	High	-28.612	-40.956	-41.630	-35.193	-25.552	-25.538
256QAM	Low	-41.688	-40.185	-40.597	-26.923	-32.077	-25.524
	Middle	-43.108	-40.493	-40.860	-29.315	-28.202	-24.621
	High	-32.396	-40.652	-41.295	-33.652	-24.770	-25.481

Test Result for Output Port 3

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-38.526	-41.325	-41.308	-25.858	-33.015	-24.405
	Middle	-42.237	-40.719	-40.802	-30.295	-30.840	-24.882
	High	-28.856	-40.844	-41.108	-33.563	-26.861	-26.049
16QAM	Low	-39.981	-40.693	-41.263	-26.985	-32.182	-23.561
	Middle	-37.287	-41.142	-40.902	-30.667	-31.376	-24.696
	High	-34.607	-41.541	-41.330	-35.306	-24.471	-25.041
64QAM	Low	-37.335	-40.216	-41.083	-26.442	-33.011	-23.808
	Middle	-42.597	-41.129	-40.606	-33.730	-30.578	-25.531
	High	-27.389	-40.189	-41.128	-34.041	-27.538	-23.886
256QAM	Low	-38.546	-40.778	-40.835	-26.321	-33.460	-25.208
	Middle	-41.512	-40.439	-41.637	-30.895	-30.858	-24.891
	High	-28.819	-40.756	-40.208	-32.618	-27.276	-25.227

(4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier]
Test Result for Output Port 0

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-36.414	-40.114	-40.341	-28.624	-29.306	-24.973
	Middle	-35.122	-40.577	-41.398	-33.445	-32.016	-24.047
	High	-34.803	-39.022	-41.006	-35.176	-31.839	-24.073
16QAM	Low	-36.194	-40.090	-39.847	-30.759	-33.401	-24.543
	Middle	-35.092	-40.732	-41.397	-35.268	-33.156	-24.222
	High	-36.708	-40.480	-40.858	-36.025	-31.439	-24.310
64QAM	Low	-37.938	-39.196	-40.612	-26.778	-30.131	-24.410
	Middle	-35.976	-40.694	-40.813	-33.052	-31.970	-25.063
	High	-36.379	-41.314	-41.693	-35.444	-31.530	-25.157
256QAM	Low	-40.184	-39.823	-40.898	-26.980	-31.580	-25.301
	Middle	-36.491	-39.585	-40.989	-32.861	-32.038	-24.438
	High	-35.323	-40.605	-40.897	-35.818	-31.601	-25.180

Test Result for Output Port 1

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-38.459	-40.482	-41.604	-30.885	-32.013	-24.209
	Middle	-36.021	-40.159	-40.456	-32.015	-29.038	-25.092
	High	-33.182	-41.466	-40.174	-35.682	-29.294	-24.705
16QAM	Low	-35.969	-39.976	-41.206	-30.393	-32.862	-24.994
	Middle	-33.854	-40.886	-41.661	-35.174	-33.774	-24.923
	High	-34.958	-40.834	-41.855	-36.416	-30.391	-25.576
64QAM	Low	-38.440	-40.964	-41.659	-30.117	-32.097	-24.770
	Middle	-36.786	-39.580	-40.971	-33.298	-30.528	-25.427
	High	-34.750	-40.205	-41.325	-34.885	-29.390	-24.607
256QAM	Low	-39.401	-40.984	-41.113	-30.211	-33.227	-24.735
	Middle	-36.427	-40.438	-41.351	-33.369	-30.627	-24.593
	High	-34.793	-40.828	-42.234	-36.552	-29.989	-24.746

Test Result for Output Port 2

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-39.051	-40.599	-40.283	-28.347	-30.233	-24.756
	Middle	-36.064	-41.370	-41.860	-30.838	-29.501	-25.532
	High	-34.559	-40.826	-42.295	-34.886	-29.851	-25.533
16QAM	Low	-34.946	-40.507	-41.469	-28.060	-31.676	-24.921
	Middle	-34.259	-40.702	-41.616	-30.480	-30.487	-25.149
	High	-35.035	-41.723	-41.071	-33.521	-28.848	-25.417
64QAM	Low	-39.130	-40.952	-41.153	-28.454	-30.932	-25.008
	Middle	-36.469	-40.893	-41.840	-30.479	-29.971	-25.104
	High	-35.109	-39.795	-42.029	-34.627	-29.222	-24.795
256QAM	Low	-41.042	-41.189	-41.090	-28.323	-31.095	-25.177
	Middle	-36.308	-40.002	-41.065	-30.955	-30.365	-25.552
	High	-36.091	-40.333	-41.156	-34.383	-29.375	-25.663

Test Result for Output Port 3

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-39.147	-40.106	-40.946	-27.617	-30.043	-25.402
	Middle	-36.775	-40.329	-41.208	-29.150	-28.191	-25.814
	High	-33.376	-39.822	-41.477	-33.925	-28.306	-24.853
16QAM	Low	-35.423	-40.640	-40.668	-27.741	-30.813	-24.757
	Middle	-33.505	-40.571	-42.552	-29.975	-29.599	-25.951
	High	-35.498	-41.243	-41.501	-33.019	-27.191	-25.503
64QAM	Low	-40.821	-41.211	-41.352	-28.281	-30.430	-25.492
	Middle	-32.870	-40.746	-42.110	-30.127	-28.534	-24.124
	High	-34.811	-40.895	-41.612	-33.900	-28.531	-25.084
256QAM	Low	-38.983	-41.082	-41.177	-28.319	-30.583	-25.176
	Middle	-35.361	-39.849	-41.196	-29.888	-28.329	-24.537
	High	-35.169	-40.858	-41.638	-32.523	-28.219	-25.512

(4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier]
Test Result for Output Port 0

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-43.174	-39.814	-40.752	-31.131	-31.788	-23.673
	Middle	-45.396	-39.152	-41.216	-32.187	-30.635	-23.796
	High	-46.245	-40.485	-42.131	-32.849	-30.642	-24.717
16QAM	Low	-44.083	-40.523	-40.829	-31.111	-30.499	-24.661
	Middle	-46.336	-40.516	-41.083	-31.753	-29.940	-23.770
	High	-45.828	-41.092	-41.296	-33.353	-30.224	-25.240
64QAM	Low	-41.106	-41.095	-40.227	-31.897	-32.764	-24.869
	Middle	-45.293	-40.726	-40.800	-32.162	-30.749	-24.649
	High	-45.782	-40.363	-41.357	-31.867	-30.517	-24.075
256QAM	Low	-40.871	-41.114	-40.682	-31.374	-31.692	-24.729
	Middle	-44.646	-39.425	-42.001	-32.775	-31.036	-24.479
	High	-47.122	-40.287	-41.705	-31.544	-29.416	-24.134

Test Result for Output Port 1

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-40.397	-41.317	-40.363	-30.771	-30.721	-25.425
	Middle	-43.770	-41.071	-41.442	-31.490	-30.115	-24.087
	High	-46.180	-40.813	-41.394	-33.067	-30.145	-25.563
16QAM	Low	-41.146	-39.300	-40.426	-32.146	-29.576	-24.901
	Middle	-44.409	-41.057	-41.618	-29.616	-29.207	-24.735
	High	-43.061	-39.703	-41.582	-32.277	-29.742	-25.090
64QAM	Low	-40.652	-39.300	-41.213	-30.275	-30.805	-24.619
	Middle	-43.718	-40.774	-41.675	-31.622	-30.337	-25.005
	High	-46.480	-39.503	-41.225	-33.281	-29.435	-24.096
256QAM	Low	-40.548	-40.514	-41.630	-30.283	-29.989	-24.930
	Middle	-47.046	-40.595	-42.055	-30.939	-29.874	-23.575
	High	-46.686	-40.859	-41.210	-32.192	-29.385	-25.191

Test Result for Output Port 2

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-39.234	-39.937	-39.867	-29.139	-29.045	-23.041
	Middle	-47.230	-41.365	-40.909	-28.873	-28.409	-24.451
	High	-47.680	-40.227	-41.671	-29.564	-27.921	-23.899
16QAM	Low	-42.336	-40.738	-40.991	-28.888	-28.960	-24.430
	Middle	-45.670	-40.528	-41.448	-28.937	-27.576	-24.614
	High	-42.823	-41.057	-41.396	-30.457	-27.076	-24.908
64QAM	Low	-39.587	-40.787	-40.926	-29.439	-29.059	-25.444
	Middle	-47.080	-40.729	-41.203	-29.444	-28.304	-24.507
	High	-46.077	-41.193	-40.871	-30.360	-28.623	-24.330
256QAM	Low	-39.439	-40.789	-40.678	-29.661	-28.620	-24.251
	Middle	-47.059	-41.075	-40.450	-29.098	-28.982	-25.344
	High	-46.937	-41.274	-41.820	-30.369	-28.216	-24.109

Test Result for Output Port 3

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-38.699	-40.583	-40.646	-28.610	-27.693	-25.224
	Middle	-47.671	-40.515	-42.151	-28.707	-27.530	-25.119
	High	-46.991	-40.497	-40.600	-29.517	-27.041	-24.804
16QAM	Low	-41.081	-40.762	-41.015	-27.042	-28.489	-25.354
	Middle	-43.649	-41.084	-41.618	-28.429	-27.302	-24.925
	High	-45.442	-40.309	-41.272	-29.648	-27.116	-25.315
64QAM	Low	-39.442	-40.603	-40.879	-28.665	-27.892	-25.496
	Middle	-46.214	-41.471	-41.292	-28.579	-27.392	-25.364
	High	-47.283	-40.829	-41.737	-29.252	-26.714	-25.484
256QAM	Low	-39.974	-40.453	-41.243	-28.754	-27.941	-25.918
	Middle	-47.378	-40.560	-41.612	-28.770	-27.135	-25.356
	High	-45.899	-41.427	-41.462	-31.138	-27.356	-24.746

(2 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier]
Test Result for Output Port 0

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Middle	-41.589	-45.636	-41.212	-27.901	-25.287	-24.085
16QAM	Middle	-39.515	-44.916	-41.018	-27.832	-25.628	-24.534
64QAM	Middle	-40.944	-45.961	-41.893	-27.487	-25.191	-25.287
256QAM	Middle	-41.327	-45.279	-40.944	-27.743	-24.441	-23.854

Test Result for Output Port 1

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Middle	-40.795	-45.312	-41.986	-28.455	-24.905	-23.701
16QAM	Middle	-39.365	-44.927	-41.525	-27.700	-25.551	-25.325
64QAM	Middle	-40.421	-45.732	-40.135	-28.359	-25.088	-24.782
256QAM	Middle	-40.256	-44.563	-41.704	-28.018	-24.800	-25.024

(2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier]

Test Result for Output Port 0

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-44.274	-40.646	-40.390	-28.405	-29.159	-24.823
	Middle	-41.932	-40.433	-41.256	-27.725	-26.038	-23.549
	High	-42.774	-40.524	-40.157	-29.562	-27.031	-24.321
16QAM	Low	-43.460	-41.416	-40.696	-27.360	-28.909	-24.399
	Middle	-42.807	-41.255	-40.442	-29.154	-27.315	-24.948
	High	-44.240	-41.021	-40.607	-29.712	-26.768	-23.784
64QAM	Low	-42.429	-41.387	-41.179	-27.779	-29.212	-25.167
	Middle	-42.977	-41.338	-40.830	-27.154	-26.268	-24.899
	High	-44.136	-40.989	-41.076	-29.896	-26.994	-24.370
256QAM	Low	-44.477	-39.987	-41.255	-28.269	-28.361	-24.811
	Middle	-42.640	-40.671	-41.687	-27.682	-26.310	-24.241
	High	-42.971	-40.929	-40.748	-30.070	-26.531	-24.693

Test Result for Output Port 1

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-42.128	-41.340	-40.503	-27.891	-28.320	-24.590
	Middle	-43.741	-40.333	-41.072	-28.361	-26.229	-25.189
	High	-42.126	-41.036	-41.531	-29.957	-26.240	-24.966
16QAM	Low	-43.554	-41.216	-41.631	-28.406	-27.258	-23.608
	Middle	-43.581	-41.120	-40.956	-29.037	-26.872	-24.891
	High	-42.028	-39.988	-40.864	-30.135	-26.607	-24.899
64QAM	Low	-41.355	-40.601	-41.255	-28.184	-28.436	-25.233
	Middle	-43.023	-40.278	-41.151	-28.433	-26.479	-24.994
	High	-42.288	-39.767	-41.907	-29.800	-26.293	-25.354
256QAM	Low	-42.053	-40.842	-41.390	-28.640	-27.437	-24.922
	Middle	-42.838	-41.153	-41.611	-28.567	-26.615	-24.998
	High	-43.953	-41.000	-41.342	-29.582	-26.300	-24.724

(2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier]
Test Result for Output Port 0

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Middle	-40.079	-46.153	-40.834	-27.322	-25.515	-24.406
16QAM	Middle	-40.412	-45.908	-41.328	-27.696	-25.891	-23.569
64QAM	Middle	-40.326	-45.517	-41.607	-27.848	-25.721	-23.716
256QAM	Middle	-39.906	-44.704	-41.281	-28.615	-24.880	-25.232

Test Result for Output Port 1

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Middle	-40.464	-45.511	-41.668	-27.180	-24.992	-25.137
16QAM	Middle	-40.300	-44.071	-40.620	-28.371	-25.763	-23.450
64QAM	Middle	-39.919	-44.980	-41.378	-28.197	-24.797	-24.723
256QAM	Middle	-40.962	-45.090	-40.610	-27.905	-24.575	-24.617

(4 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier]
Test Result for Output Port 0

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Middle	-41.455	-40.741	-42.383	-31.009	-29.454	-21.033
16QAM	Middle	-40.815	-40.999	-41.855	-30.915	-29.866	-21.027
64QAM	Middle	-42.188	-41.254	-40.821	-31.620	-29.783	-21.001
256QAM	Middle	-42.198	-41.141	-41.397	-31.200	-30.218	-20.731

Test Result for Output Port 1

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Middle	-40.145	-41.063	-41.803	-31.752	-28.505	-20.590
16QAM	Middle	-40.211	-41.134	-41.002	-31.842	-29.536	-20.595
64QAM	Middle	-41.915	-41.083	-40.253	-31.357	-29.261	-21.597
256QAM	Middle	-41.094	-41.141	-41.792	-30.774	-29.306	-21.034

Test Result for Output Port 2

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Middle	-41.875	-41.515	-41.463	-26.901	-25.842	-20.765
16QAM	Middle	-42.519	-41.094	-41.440	-27.887	-27.224	-20.732
64QAM	Middle	-41.705	-40.683	-42.108	-27.504	-26.282	-20.982
256QAM	Middle	-40.449	-41.030	-40.208	-27.531	-26.052	-21.346

Test Result for Output Port 3

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Middle	-41.473	-41.153	-41.502	-28.312	-26.272	-20.939
16QAM	Middle	-40.880	-39.950	-40.629	-27.586	-26.957	-21.416
64QAM	Middle	-42.384	-41.624	-41.824	-28.648	-26.608	-20.783
256QAM	Middle	-41.222	-41.228	-41.873	-27.397	-26.668	-21.586

(4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier]
Test Result for Output Port 0

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-40.169	-41.004	-41.685	-31.256	-31.460	-24.573
	Middle	-38.016	-40.399	-39.852	-31.473	-31.234	-24.348
	High	-42.506	-41.298	-40.983	-31.358	-29.413	-23.997
16QAM	Low	-41.669	-41.427	-41.620	-31.023	-32.206	-24.111
	Middle	-41.285	-41.188	-41.748	-30.554	-30.662	-24.096
	High	-35.825	-41.394	-41.196	-33.711	-30.642	-23.666
64QAM	Low	-40.813	-40.653	-41.538	-31.316	-31.596	-24.590
	Middle	-35.323	-40.639	-41.439	-31.712	-29.890	-24.698
	High	-39.645	-41.265	-41.926	-32.061	-28.365	-23.184
256QAM	Low	-38.750	-41.486	-41.003	-30.875	-30.864	-24.669
	Middle	-36.949	-40.917	-40.264	-31.571	-30.417	-23.671
	High	-38.286	-40.837	-40.786	-31.226	-29.647	-25.106

Test Result for Output Port 1

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-38.571	-41.078	-41.153	-31.891	-30.751	-24.538
	Middle	-36.978	-40.361	-41.138	-31.075	-30.484	-23.985
	High	-40.475	-40.520	-40.804	-33.762	-29.518	-24.054
16QAM	Low	-37.751	-40.594	-41.586	-31.517	-30.614	-23.472
	Middle	-39.003	-40.947	-41.256	-31.670	-29.920	-25.186
	High	-38.840	-40.829	-41.104	-32.130	-29.044	-24.051
64QAM	Low	-35.739	-41.244	-41.712	-31.698	-31.913	-24.281
	Middle	-38.149	-40.850	-41.022	-30.157	-30.208	-23.735
	High	-40.271	-40.790	-40.970	-32.587	-29.504	-25.370
256QAM	Low	-40.652	-41.262	-41.329	-30.895	-30.719	-25.399
	Middle	-39.315	-41.171	-41.730	-31.147	-30.876	-25.159
	High	-38.941	-41.468	-40.754	-33.175	-29.329	-24.653

Test Result for Output Port 2

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-41.569	-41.093	-41.470	-28.670	-28.903	-24.478
	Middle	-40.772	-40.850	-41.022	-29.074	-27.573	-25.853
	High	-36.913	-40.681	-40.860	-31.051	-27.111	-25.886
16QAM	Low	-39.870	-41.032	-41.266	-27.995	-29.157	-25.618
	Middle	-40.344	-40.872	-41.720	-30.498	-28.290	-24.053
	High	-40.514	-40.405	-41.499	-30.471	-28.752	-24.925
64QAM	Low	-41.047	-41.816	-40.964	-28.431	-28.170	-24.550
	Middle	-41.986	-41.365	-41.313	-29.619	-27.857	-24.099
	High	-33.317	-40.964	-41.221	-30.913	-26.961	-24.098
256QAM	Low	-41.359	-40.989	-41.375	-28.739	-28.801	-25.378
	Middle	-41.020	-41.323	-41.194	-29.299	-28.091	-24.109
	High	-33.959	-40.902	-41.568	-31.006	-27.571	-25.400

Test Result for Output Port 3

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-37.434	-40.037	-41.605	-28.511	-28.197	-25.030
	Middle	-41.000	-41.311	-41.512	-27.880	-26.728	-25.558
	High	-32.906	-41.868	-41.619	-30.129	-27.823	-25.464
16QAM	Low	-40.175	-40.254	-41.498	-27.914	-28.148	-25.148
	Middle	-37.947	-40.707	-41.607	-28.394	-28.433	-25.109
	High	-39.748	-41.269	-40.915	-28.564	-27.043	-25.084
64QAM	Low	-41.949	-41.125	-41.997	-27.860	-27.416	-24.325
	Middle	-37.958	-41.041	-41.697	-27.268	-26.344	-24.286
	High	-33.792	-40.265	-41.580	-29.795	-25.957	-25.453
256QAM	Low	-38.350	-41.742	-41.881	-27.248	-27.847	-23.950
	Middle	-39.612	-40.695	-41.767	-27.936	-26.856	-24.835
	High	-35.481	-41.467	-41.216	-29.513	-27.393	-25.027

(4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier]
Test Result for Output Port 0

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Middle	-42.689	-47.989	-40.681	-29.479	-27.350	-25.417
16QAM	Middle	-41.071	-47.730	-41.371	-30.403	-29.771	-25.294
64QAM	Middle	-42.384	-48.511	-41.434	-29.752	-27.998	-24.701
256QAM	Middle	-42.112	-48.721	-41.340	-30.976	-28.070	-24.166

Test Result for Output Port 1

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Middle	-41.709	-48.753	-41.359	-31.738	-29.426	-24.685
16QAM	Middle	-41.333	-48.761	-41.264	-31.624	-29.141	-24.886
64QAM	Middle	-38.570	-48.686	-41.015	-31.454	-29.175	-24.371
256QAM	Middle	-39.346	-48.676	-40.927	-31.778	-29.427	-25.018

Test Result for Output Port 2

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Middle	-42.035	-48.862	-40.982	-28.862	-27.030	-24.805
16QAM	Middle	-44.234	-48.351	-41.751	-28.430	-27.773	-25.177
64QAM	Middle	-40.521	-48.348	-40.942	-29.407	-27.598	-23.792
256QAM	Middle	-41.918	-48.445	-41.510	-28.711	-26.546	-24.839

Test Result for Output Port 3

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Middle	-36.929	-48.300	-41.552	-28.129	-26.433	-25.278
16QAM	Middle	-41.763	-48.739	-41.358	-28.951	-26.545	-24.764
64QAM	Middle	-37.646	-47.721	-42.383	-28.179	-26.515	-24.590
256QAM	Middle	-41.997	-48.424	-41.788	-28.230	-26.348	-25.036

Tabular Data of RF Non-Contiguous
(2 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier]

Port	Mod	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
0	QPSK	-40.533	-40.261	-40.842	-24.908	-23.476	-21.320
	16QAM	-40.891	-40.443	-41.470	-24.354	-22.069	-20.441
	64QAM	-40.782	-40.770	-40.287	-24.199	-23.331	-20.995
	256QAM	-40.902	-39.720	-41.244	-24.545	-23.647	-19.856
1	QPSK	-40.432	-39.599	-40.900	-24.691	-22.128	-20.451
	16QAM	-40.867	-40.241	-41.581	-23.473	-23.758	-20.164
	64QAM	-40.759	-40.426	-39.852	-24.797	-22.317	-20.126
	256QAM	-39.749	-40.720	-40.399	-24.823	-22.198	-20.999

(2 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier]

Port	Mod	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
0	QPSK	-42.567	-40.659	-40.380	-28.057	-27.306	-20.164
	16QAM	-42.230	-40.003	-39.944	-27.264	-26.109	-19.989
	64QAM	-41.855	-40.551	-40.514	-27.548	-26.942	-19.475
	256QAM	-42.504	-40.407	-41.149	-27.757	-26.723	-19.971
1	QPSK	-40.733	-41.042	-41.039	-27.849	-24.801	-21.632
	16QAM	-41.085	-40.648	-40.985	-27.481	-25.378	-21.015
	64QAM	-41.641	-41.028	-41.213	-27.615	-25.180	-19.642
	256QAM	-41.477	-40.809	-41.148	-27.571	-25.377	-20.023

(2 Port)B5 DSS 10 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier [2 Carrier]

Port	Mod	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
0	QPSK	-44.552	-41.016	-41.095	-27.378	-25.506	-24.850
	16QAM	-43.513	-41.501	-41.275	-27.232	-25.627	-21.728
	64QAM	-44.550	-40.660	-41.142	-27.286	-25.171	-24.079
	256QAM	-44.049	-41.168	-41.266	-27.531	-25.075	-23.898
1	QPSK	-43.803	-40.317	-40.370	-27.344	-26.127	-25.085
	16QAM	-43.939	-41.218	-41.425	-27.727	-26.271	-24.740
	64QAM	-43.902	-41.033	-41.090	-26.808	-24.633	-23.933
	256QAM	-43.660	-40.647	-41.263	-27.176	-25.355	-23.592

(2 Port)5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier]

Port	Mod	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
0	QPSK	-39.501	-39.533	-41.003	-25.192	-22.913	-20.442
	16QAM	-39.485	-41.196	-40.150	-21.752	-21.351	-20.723
	64QAM	-39.516	-40.775	-41.797	-24.597	-23.206	-20.727
	256QAM	-36.502	-39.462	-41.947	-24.528	-22.257	-20.811
1	QPSK	-38.556	-41.488	-41.460	-23.602	-21.778	-21.553
	16QAM	-38.725	-41.265	-40.891	-23.032	-22.007	-21.229
	64QAM	-38.611	-39.803	-40.884	-24.334	-21.609	-20.162
	256QAM	-38.152	-39.980	-41.223	-24.553	-21.623	-21.243

(2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier]

Port	Mod	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
0	QPSK	-34.780	-39.770	-41.426	-26.939	-25.834	-24.171
	16QAM	-40.109	-40.489	-39.635	-25.950	-25.189	-24.847
	64QAM	-33.381	-41.374	-42.030	-26.641	-25.534	-24.467
	256QAM	-35.615	-40.745	-40.915	-26.072	-25.644	-23.960
1	QPSK	-34.784	-41.355	-41.572	-26.325	-24.318	-25.352
	16QAM	-38.726	-39.469	-41.008	-27.127	-28.100	-25.045
	64QAM	-38.487	-40.933	-40.959	-26.065	-24.189	-24.289
	256QAM	-37.527	-39.612	-41.383	-21.459	-23.748	-24.714

(2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier]

Port	Mod	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
0	QPSK	-39.727	-40.183	-40.803	-27.392	-25.351	-24.423
	16QAM	-33.588	-39.639	-40.516	-28.092	-25.562	-23.648
	64QAM	-41.702	-40.544	-41.217	-27.432	-25.276	-23.977
	256QAM	-29.958	-40.100	-40.940	-28.154	-26.722	-24.800
1	QPSK	-29.755	-40.379	-39.387	-27.850	-25.763	-24.824
	16QAM	-32.712	-39.766	-40.759	-27.619	-24.871	-23.908
	64QAM	-29.620	-39.969	-41.202	-28.348	-25.824	-24.026
	256QAM	-29.449	-40.838	-40.537	-27.742	-24.705	-24.483

(4 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier]

Port	Mod	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
0	QPSK	-43.275	-39.539	-41.554	-28.052	-28.470	-24.556
	16QAM	-43.568	-40.300	-40.357	-28.877	-26.551	-25.010
	64QAM	-44.016	-40.282	-41.124	-26.978	-26.684	-24.578
	256QAM	-44.868	-39.893	-40.454	-26.873	-26.646	-24.224
1	QPSK	-41.817	-40.519	-39.892	-26.523	-26.119	-24.609
	16QAM	-39.812	-40.817	-40.790	-26.675	-24.522	-24.347
	64QAM	-41.663	-40.065	-40.778	-26.684	-25.978	-25.062
	256QAM	-41.681	-41.026	-41.133	-27.468	-25.212	-25.552
2	QPSK	-43.061	-40.252	-40.290	-23.851	-25.061	-25.337
	16QAM	-44.381	-40.048	-41.167	-24.056	-23.495	-24.814
	64QAM	-43.422	-41.243	-41.039	-24.546	-24.787	-25.275
	256QAM	-44.114	-40.729	-39.454	-23.742	-24.638	-25.205
3	QPSK	-42.343	-39.862	-41.435	-24.486	-25.070	-25.112
	16QAM	-42.355	-40.651	-40.936	-24.249	-24.841	-24.774
	64QAM	-42.311	-40.498	-39.613	-24.849	-25.353	-25.149
	256QAM	-42.933	-41.056	-41.121	-24.592	-25.132	-25.621

(4 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier]

Port	Mod	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
0	QPSK	-45.334	-40.534	-41.147	-30.501	-29.683	-24.812
	16QAM	-45.274	-40.485	-41.403	-30.407	-29.870	-23.663
	64QAM	-44.581	-40.595	-40.410	-30.567	-29.186	-23.998
	256QAM	-45.195	-39.761	-40.725	-30.631	-28.346	-24.778
1	QPSK	-42.939	-40.657	-40.877	-30.226	-27.628	-24.447
	16QAM	-42.569	-40.321	-40.902	-30.657	-28.962	-25.309
	64QAM	-43.994	-39.933	-40.830	-29.899	-26.931	-23.148
	256QAM	-42.658	-40.587	-40.382	-29.330	-26.758	-24.941
2	QPSK	-44.964	-40.383	-41.338	-28.890	-27.557	-25.483
	16QAM	-43.067	-41.457	-41.206	-28.358	-27.481	-24.998
	64QAM	-43.440	-40.834	-40.205	-28.868	-27.462	-25.142
	256QAM	-44.344	-39.929	-40.660	-28.520	-27.535	-23.654
3	QPSK	-43.618	-41.327	-41.746	-27.905	-26.632	-24.982
	16QAM	-43.219	-41.079	-40.293	-27.515	-26.251	-24.221
	64QAM	-42.871	-41.477	-41.500	-28.121	-25.888	-25.965
	256QAM	-41.926	-40.528	-39.913	-28.227	-26.032	-24.903

(4 Port)B5 DSS 10 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier [2 Carrier]

Port	Mod	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
0	QPSK	-45.620	-41.091	-41.323	-30.572	-29.271	-23.652
	16QAM	-46.429	-40.225	-40.104	-30.758	-29.220	-24.000
	64QAM	-45.371	-41.831	-40.894	-30.077	-29.254	-24.297
	256QAM	-45.592	-39.976	-40.647	-30.328	-29.205	-23.695
1	QPSK	-45.750	-41.024	-40.777	-30.920	-28.894	-24.133
	16QAM	-45.141	-40.792	-41.223	-31.521	-28.802	-23.856
	64QAM	-44.513	-40.947	-41.715	-30.890	-28.660	-24.119
	256QAM	-45.036	-41.229	-41.312	-30.603	-28.574	-24.280
2	QPSK	-45.539	-41.083	-40.719	-26.367	-26.211	-24.991
	16QAM	-45.947	-40.771	-40.526	-26.782	-24.986	-24.937
	64QAM	-45.798	-39.681	-40.724	-26.884	-26.233	-24.631
	256QAM	-46.822	-40.425	-41.712	-26.677	-26.036	-24.921
3	QPSK	-45.347	-40.176	-42.278	-27.714	-26.133	-24.641
	16QAM	-45.573	-39.331	-41.409	-27.200	-26.831	-25.255
	64QAM	-44.341	-40.599	-41.241	-27.188	-26.581	-23.639
	256QAM	-46.270	-39.972	-41.867	-27.812	-25.999	-23.953

(4 Port)5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier]

Port	Mod	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
0	QPSK	-37.988	-39.477	-41.175	-27.730	-27.171	-24.730
	16QAM	-30.606	-39.840	-42.249	-26.256	-26.185	-22.783
	64QAM	-26.180	-40.197	-41.344	-31.350	-26.244	-24.388
	256QAM	-26.205	-40.824	-41.564	-28.736	-27.079	-23.904
1	QPSK	-25.249	-40.062	-41.902	-26.682	-24.722	-24.535
	16QAM	-32.668	-40.415	-41.325	-26.241	-25.494	-24.765
	64QAM	-25.387	-40.189	-41.760	-27.382	-24.497	-25.221
	256QAM	-26.434	-40.881	-41.058	-27.411	-24.011	-25.329
2	QPSK	-25.802	-39.831	-41.673	-25.575	-23.095	-25.192
	16QAM	-33.219	-40.542	-40.354	-24.444	-24.110	-24.767
	64QAM	-25.499	-40.423	-41.469	-24.530	-24.005	-25.091
	256QAM	-25.797	-40.457	-41.483	-24.824	-23.911	-25.151
3	QPSK	-26.265	-40.569	-41.839	-25.722	-24.609	-23.875
	16QAM	-32.745	-40.649	-41.317	-24.714	-24.224	-24.992
	64QAM	-26.749	-40.415	-42.533	-25.500	-24.889	-25.445
	256QAM	-25.572	-40.555	-40.907	-25.337	-24.682	-25.709

(4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier]

Port	Mod	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
0	QPSK	-36.889	-40.226	-41.582	-30.843	-29.671	-25.112
	16QAM	-38.593	-39.961	-41.104	-29.505	-29.597	-25.025
	64QAM	-45.163	-39.478	-41.017	-30.283	-28.065	-23.299
	256QAM	-40.686	-39.745	-41.004	-30.122	-28.180	-23.999
1	QPSK	-39.840	-39.714	-40.746	-30.355	-28.410	-25.273
	16QAM	-37.087	-40.763	-41.630	-30.306	-28.386	-24.941
	64QAM	-34.839	-40.808	-41.809	-30.365	-28.074	-24.671
	256QAM	-35.175	-40.393	-40.860	-30.069	-28.328	-24.609
2	QPSK	-35.753	-40.403	-41.419	-27.918	-26.187	-24.371
	16QAM	-34.396	-39.523	-42.412	-26.683	-25.191	-25.853
	64QAM	-37.332	-40.178	-40.788	-28.095	-26.094	-24.655
	256QAM	-37.265	-40.007	-41.012	-27.898	-26.092	-25.165
3	QPSK	-36.380	-39.784	-42.351	-28.068	-25.932	-25.161
	16QAM	-35.998	-40.484	-41.784	-25.597	-24.583	-25.724
	64QAM	-35.477	-40.599	-40.519	-28.099	-25.826	-25.843
	256QAM	-37.242	-39.798	-41.985	-28.134	-26.170	-24.471

(4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier]

Port	Mod	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
0	QPSK	-38.357	-41.016	-40.771	-30.106	-29.179	-24.031
	16QAM	-36.355	-40.800	-40.780	-30.746	-30.256	-24.781
	64QAM	-40.150	-39.721	-41.062	-28.869	-28.741	-24.159
	256QAM	-39.775	-40.678	-40.403	-29.975	-27.445	-24.230
1	QPSK	-40.267	-40.013	-40.975	-30.556	-28.967	-23.873
	16QAM	-35.625	-40.918	-41.574	-29.392	-26.413	-24.660
	64QAM	-40.147	-40.593	-40.954	-30.639	-29.204	-25.436
	256QAM	-40.829	-39.724	-41.040	-30.798	-29.213	-24.438
2	QPSK	-38.099	-40.433	-41.633	-28.447	-26.886	-24.952
	16QAM	-35.684	-39.489	-41.585	-28.666	-27.282	-24.242
	64QAM	-39.214	-41.331	-41.414	-27.884	-26.496	-25.702
	256QAM	-39.643	-41.408	-42.197	-28.029	-26.711	-25.449
3	QPSK	-39.434	-40.861	-41.125	-28.030	-26.500	-25.008
	16QAM	-36.150	-41.251	-40.929	-28.131	-27.048	-24.639
	64QAM	-42.163	-40.950	-41.722	-27.736	-26.823	-25.139
	256QAM	-41.641	-39.924	-41.915	-27.531	-27.053	-25.743

(2 Port)B5 LTE B5 5 MHz 1 Carrier + (5G NR n5 5 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier) [3 Carrier](1C+2C)

Port	Mod	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
0	QPSK	-44.767	-40.761	-41.452	-27.365	-25.261	-23.637
	16QAM	-43.338	-41.002	-41.874	-28.068	-26.783	-24.621
	64QAM	-44.797	-41.374	-41.427	-27.736	-26.226	-25.192
	256QAM	-44.191	-39.563	-41.424	-27.147	-25.131	-24.630
1	QPSK	-43.114	-40.752	-41.445	-29.078	-25.536	-24.406
	16QAM	-42.729	-40.515	-40.797	-29.187	-26.058	-25.153
	64QAM	-44.411	-41.499	-40.198	-29.075	-25.495	-25.303
	256QAM	-43.895	-40.566	-41.157	-28.416	-25.813	-24.260

(2 Port)(B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier) + LTE B5 5 MHz 1 Carrier [3 Carrier](2C+1C)

Port	Mod	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
0	QPSK	-41.480	-41.150	-41.292	-27.882	-26.472	-23.615
	16QAM	-43.361	-41.405	-41.182	-26.901	-26.082	-24.443
	64QAM	-43.726	-41.066	-40.185	-27.140	-26.013	-25.127
	256QAM	-43.399	-41.506	-40.934	-27.280	-26.669	-24.355
1	QPSK	-43.522	-39.137	-41.523	-29.127	-25.720	-24.786
	16QAM	-43.029	-40.922	-40.200	-27.974	-25.875	-24.235
	64QAM	-43.677	-40.706	-41.278	-28.010	-25.725	-24.831
	256QAM	-43.342	-40.310	-41.205	-28.673	-26.165	-25.101

(4 Port)B5 LTE 5 MHz 1 Carrier + (5G NR n5 5 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier) [3 Carrier](1C+2C)

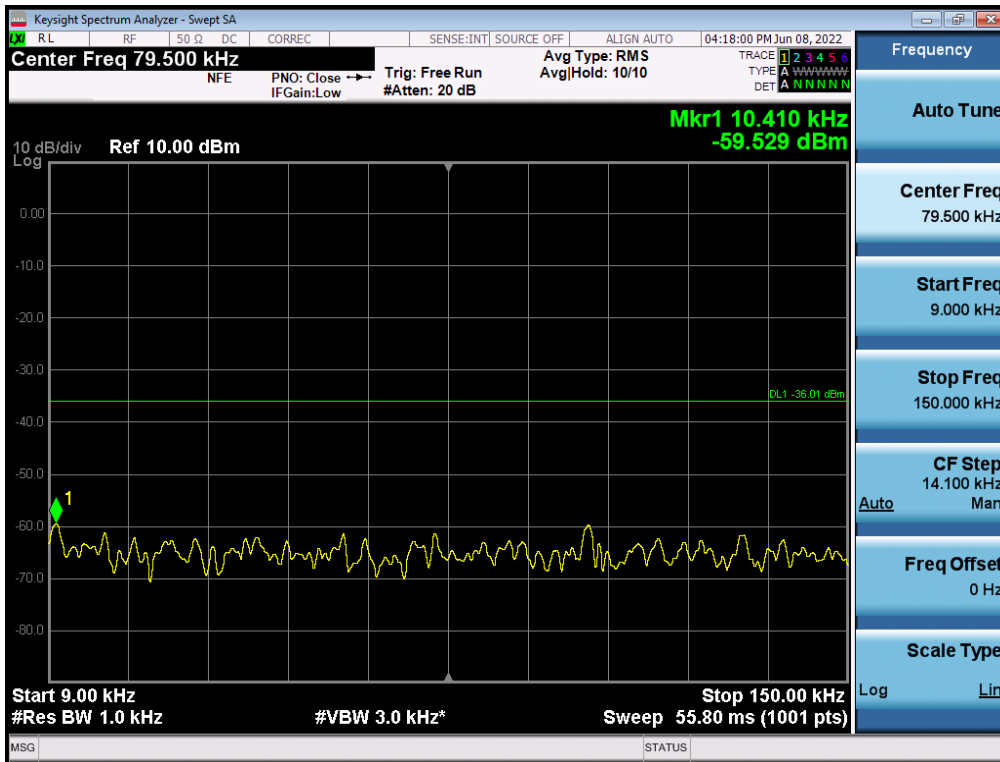
Port	Mod	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
0	QPSK	-46.517	-40.069	-41.165	-30.233	-26.892	-24.545
	16QAM	-45.335	-39.407	-41.436	-31.278	-30.525	-24.166
	64QAM	-45.493	-40.992	-40.565	-29.801	-27.625	-23.033
	256QAM	-45.622	-40.927	-40.998	-29.115	-25.918	-24.284
1	QPSK	-46.682	-40.914	-40.331	-31.643	-28.064	-25.177
	16QAM	-45.691	-40.457	-40.106	-31.383	-29.090	-24.052
	64QAM	-46.731	-41.176	-41.550	-30.440	-28.064	-23.829
	256QAM	-46.986	-39.954	-41.568	-31.516	-29.335	-25.235
2	QPSK	-45.963	-41.463	-41.083	-28.733	-25.726	-24.410
	16QAM	-47.462	-40.466	-40.311	-26.515	-25.563	-24.250
	64QAM	-45.203	-40.986	-41.043	-29.232	-25.936	-25.122
	256QAM	-45.529	-40.651	-41.517	-28.371	-25.774	-25.677
3	QPSK	-46.319	-41.527	-40.945	-28.895	-26.782	-23.520
	16QAM	-46.401	-39.707	-40.545	-27.061	-26.571	-24.921
	64QAM	-45.781	-40.950	-41.600	-29.049	-26.713	-25.518
	256QAM	-46.510	-39.899	-41.445	-28.492	-26.719	-25.410

(4 Port)(B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier) + LTE B5 5 MHz 1 Carrier [3 Carrier](2C+1C)

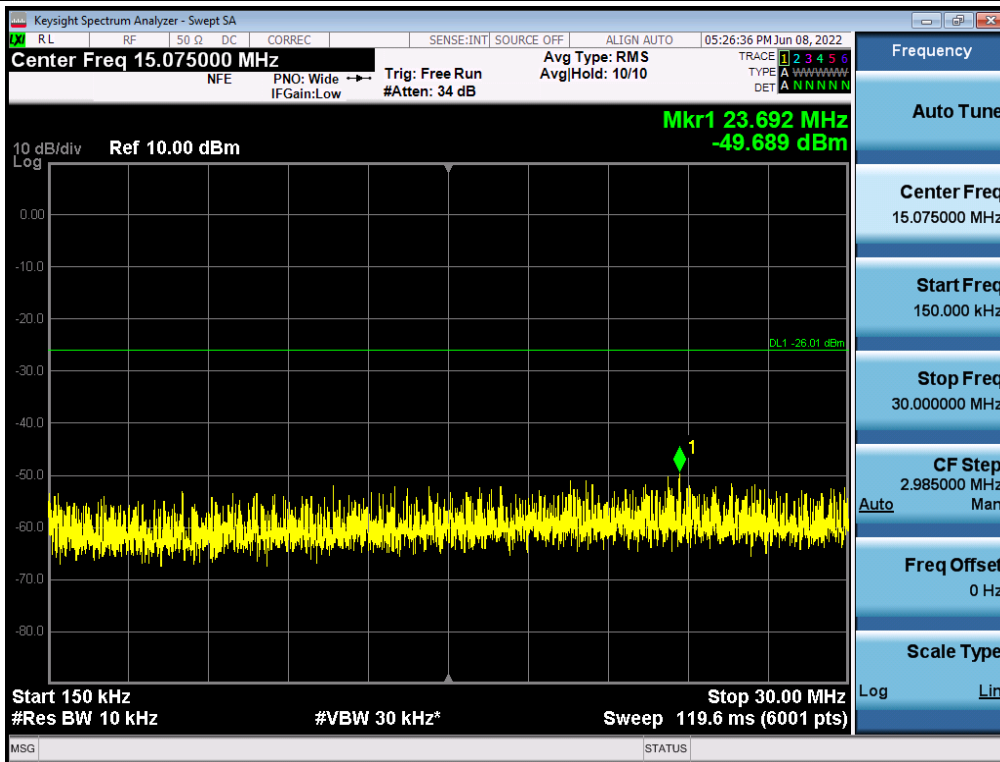
Port	Mod	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge ~ 100 MHz	Low Edge ~ 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
0	QPSK	-40.476	-41.372	-40.252	-29.891	-28.776	-24.877
	16QAM	-42.564	-40.798	-40.711	-29.806	-29.680	-23.733
	64QAM	-41.468	-40.782	-41.530	-30.393	-29.411	-23.368
	256QAM	-42.549	-40.923	-40.978	-29.517	-29.146	-24.474
1	QPSK	-39.640	-41.465	-41.016	-30.191	-28.849	-24.145
	16QAM	-38.081	-40.414	-41.099	-31.693	-28.927	-25.122
	64QAM	-37.623	-40.865	-41.945	-30.266	-28.234	-24.800
	256QAM	-38.047	-40.441	-40.984	-30.650	-28.207	-24.407
2	QPSK	-42.251	-41.923	-41.280	-27.943	-27.162	-24.669
	16QAM	-41.746	-40.338	-40.635	-27.914	-27.291	-23.901
	64QAM	-41.874	-40.427	-40.449	-27.389	-27.118	-25.018
	256QAM	-41.253	-41.134	-40.609	-27.083	-26.877	-24.981
3	QPSK	-40.212	-41.384	-42.896	-28.121	-26.064	-25.348
	16QAM	-40.419	-41.378	-41.585	-27.507	-26.751	-25.000
	64QAM	-40.175	-41.654	-41.926	-27.897	-26.530	-25.237
	256QAM	-40.004	-40.969	-41.310	-27.812	-26.006	-25.683

Plot Data of Spurious Unwanted Emissions

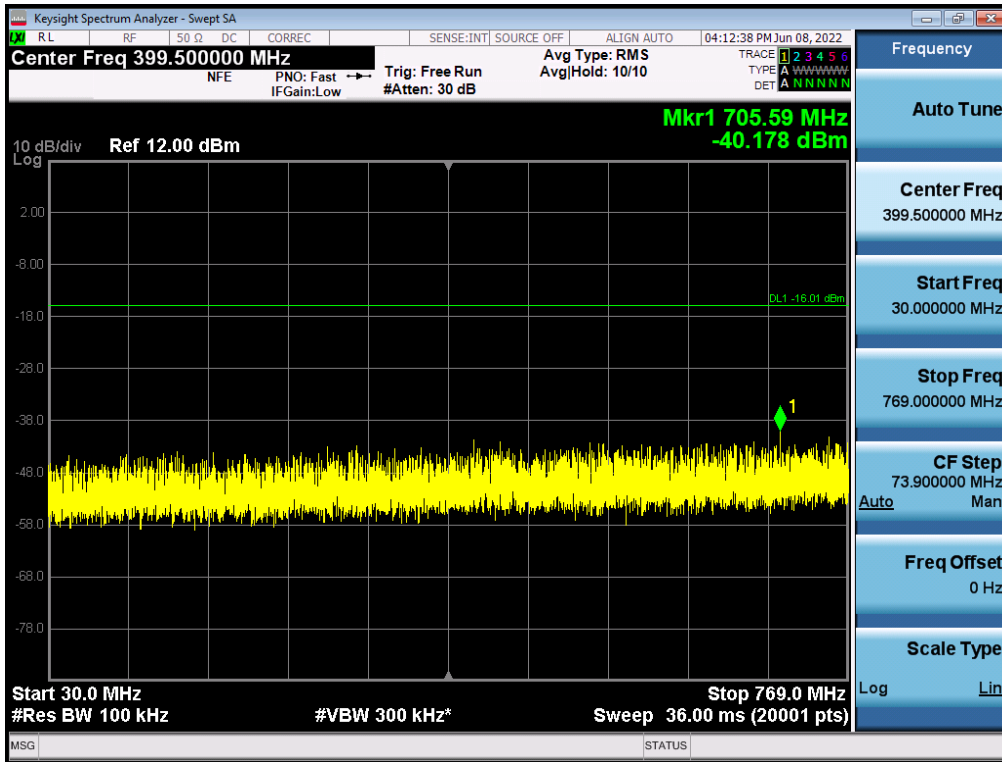
Antenna 1 / 9 kHz ~ 150 kHz / (2 Port)5G NR n5 5 MHz 1 Carrier / 256QAM / Low



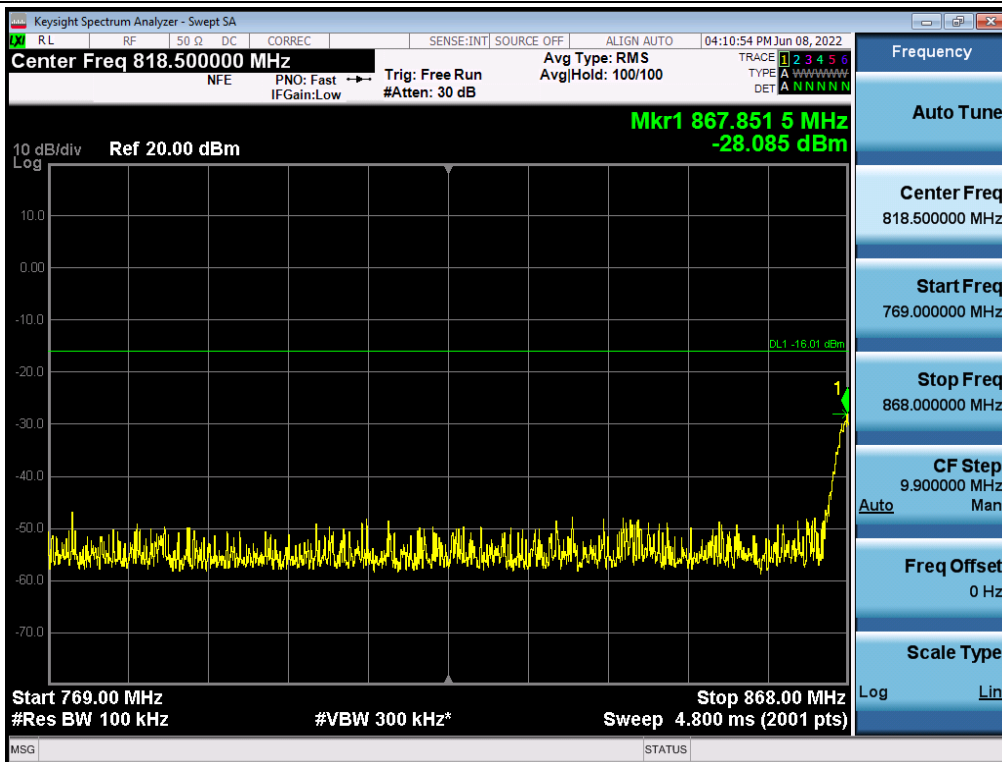
Antenna 0 / 150 kHz ~ 30 MHz / (2 Port)5G NR n5 5 MHz 1 Carrier / 64QAM / High



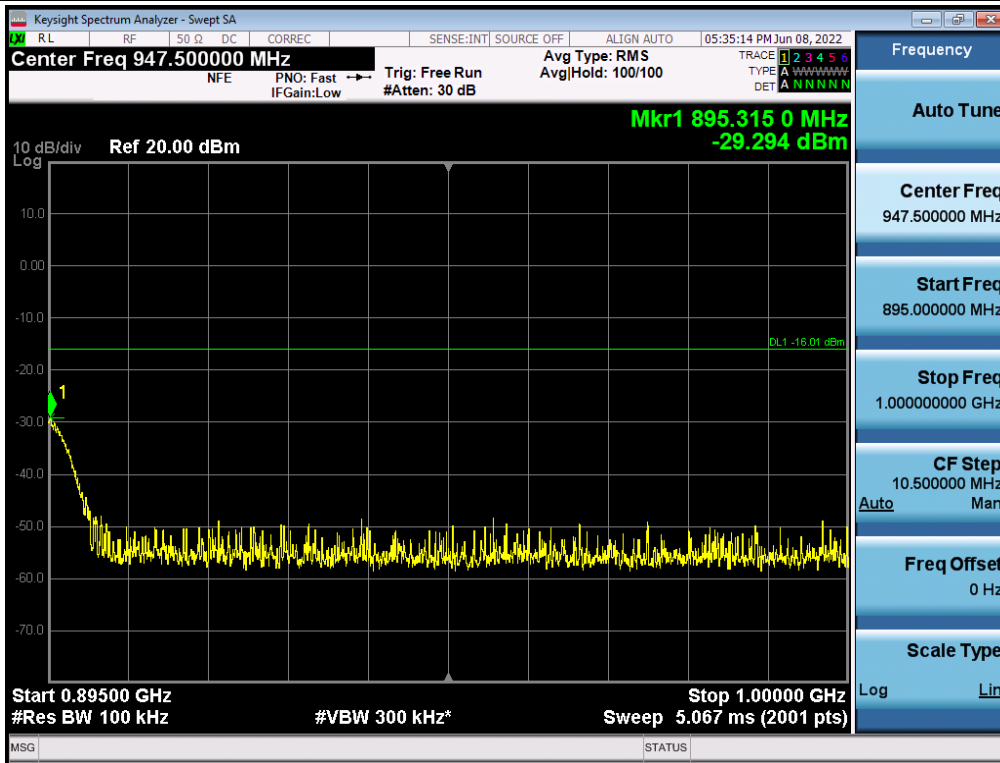
Antenna 0 / 30 MHz ~ Low Edge - 100 MHz / (2 Port)5G NR n5 5 MHz 1 Carrier / 256QAM / Low



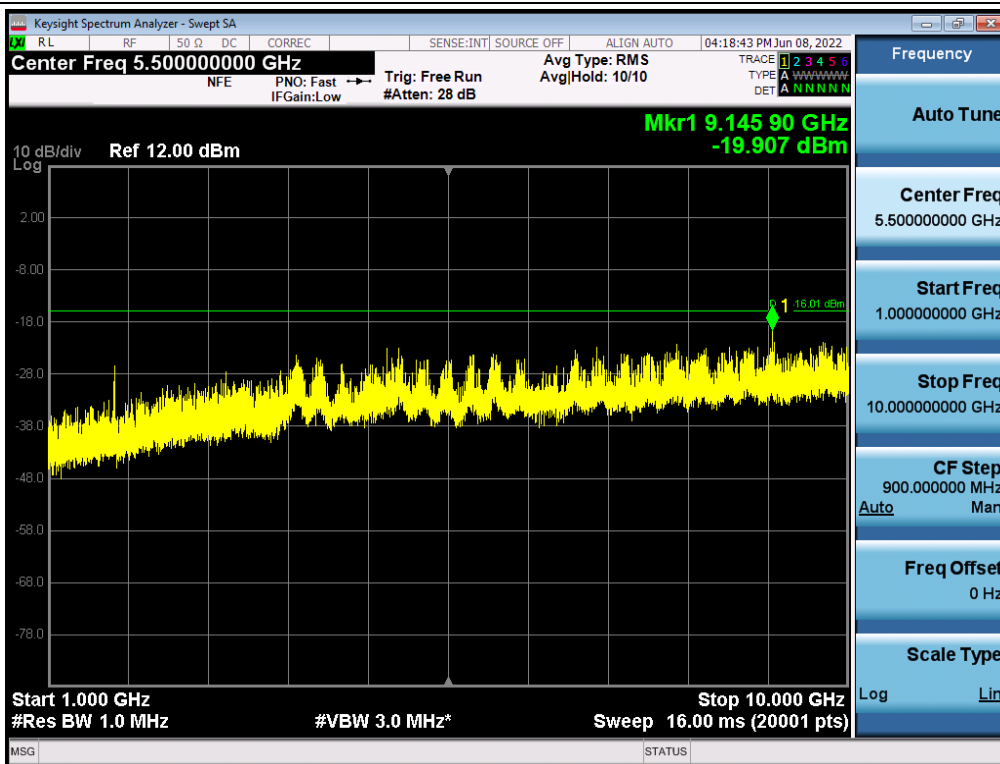
Antenna 0 / Low Edge - 100 MHz ~ Low Edge / (2 Port)5G NR n5 5 MHz 1 Carrier / 64QAM / Low

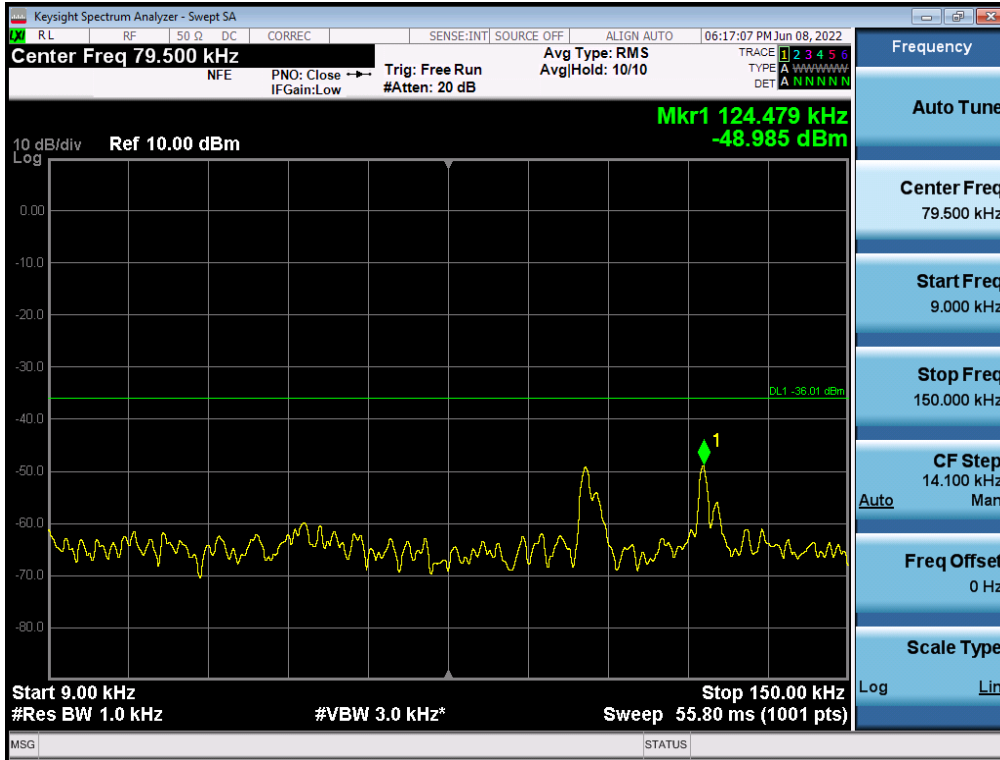
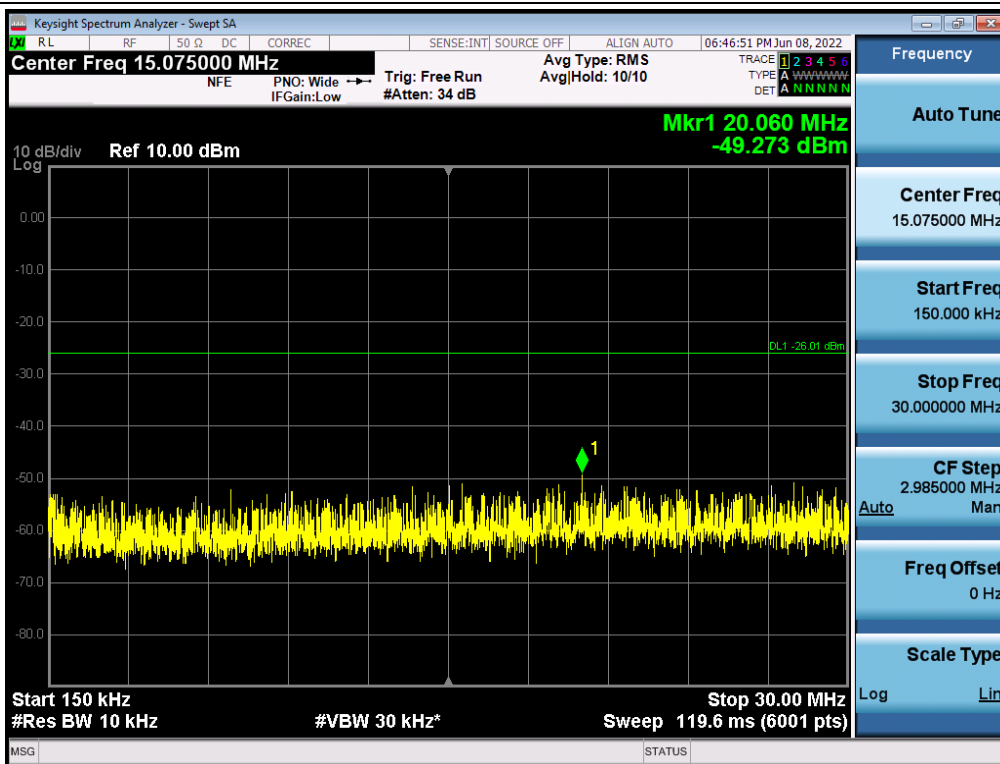


Antenna 1 / High Edge ~ 1 GHz / (2 Port)5G NR n5 5 MHz 1 Carrier / 256QAM / High

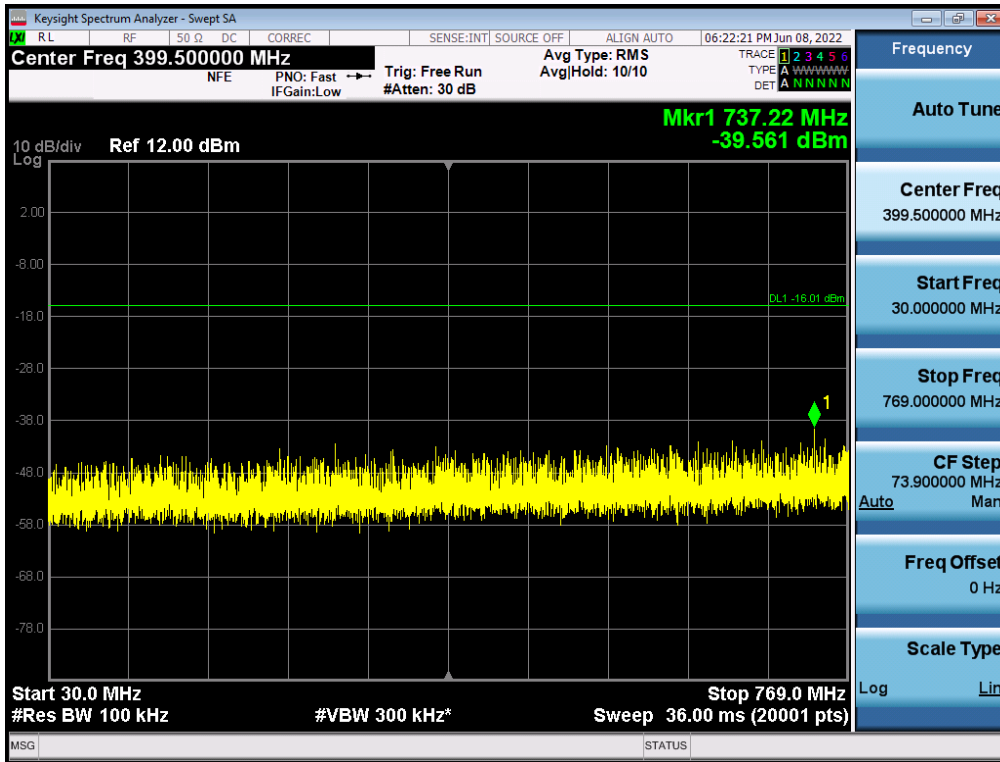


Antenna 1 / 1 GHz ~ 10 GHz / (2 Port)5G NR n5 5 MHz 1 Carrier / 256QAM / Low

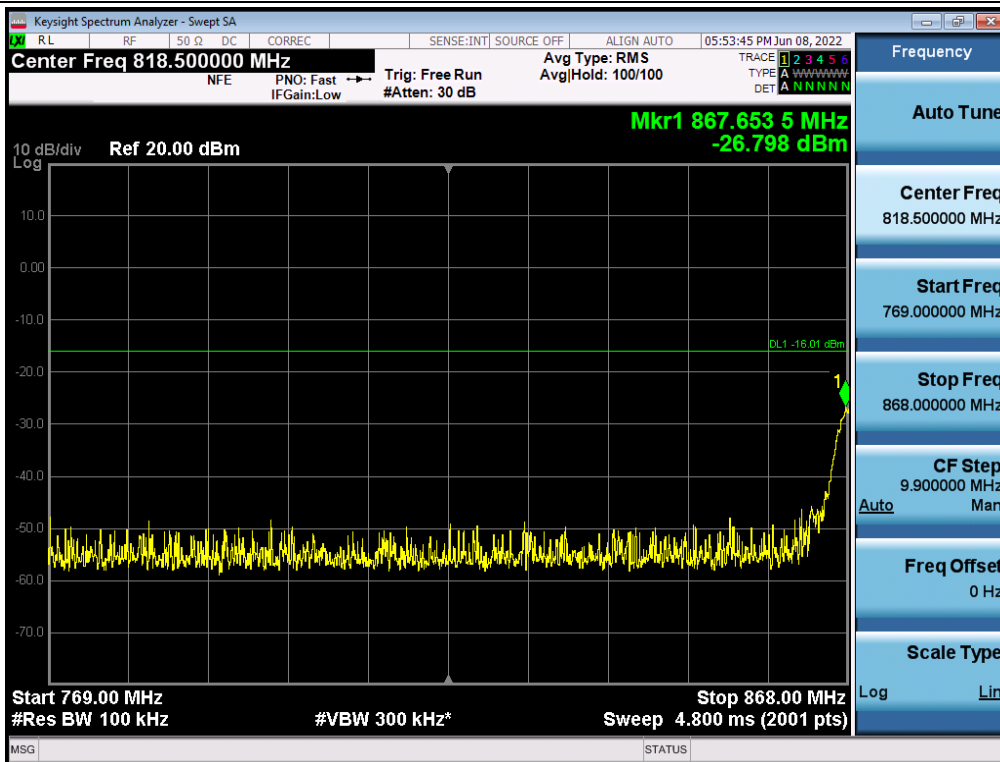


Antenna 0 / 9 kHz ~ 150 kHz / (2 Port)5G NR n5 10 MHz 1 Carrier / 256QAM / Middle

Antenna 1 / 150 kHz ~ 30 MHz / (2 Port)5G NR n5 10 MHz 1 Carrier / 64QAM / High


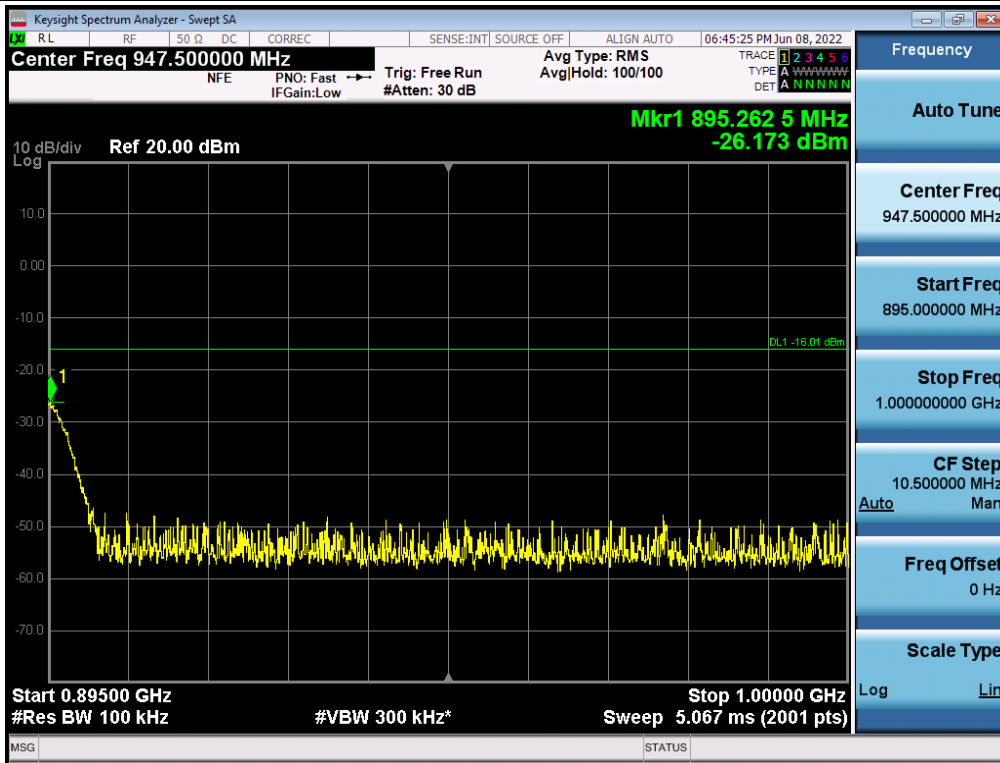
Antenna 1 / 30 MHz ~ Low Edge - 100 MHz / (2 Port)5G NR n5 10 MHz 1 Carrier / 256QAM / Middle



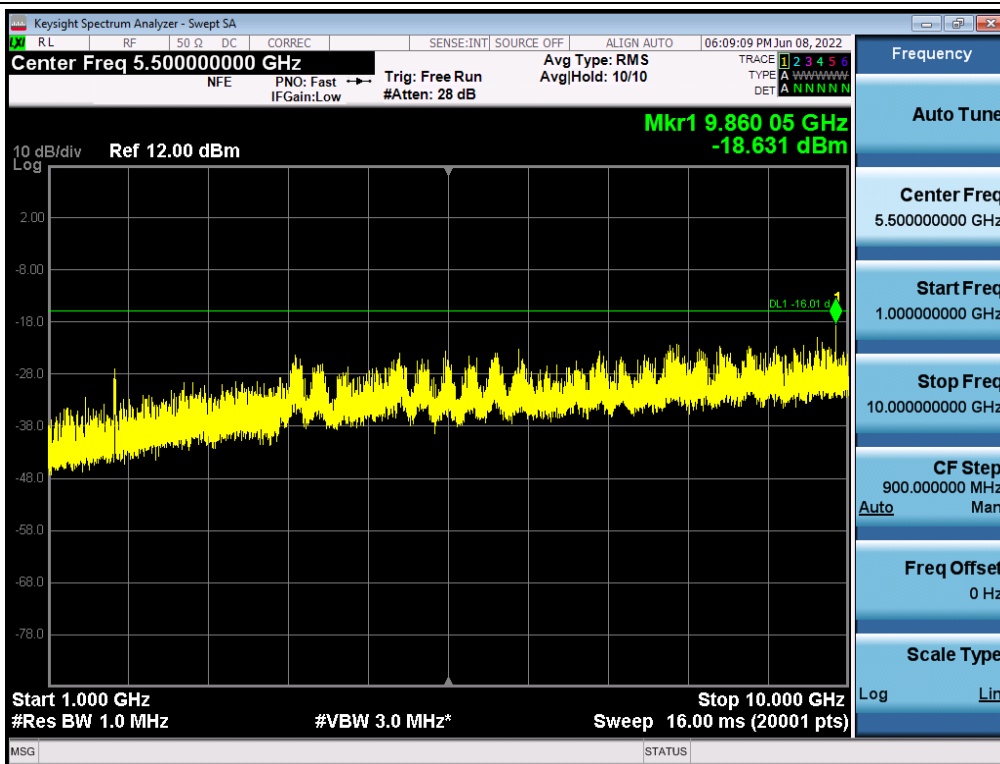
Antenna 0 / Low Edge - 100 MHz ~ Low Edge / (2 Port)5G NR n5 10 MHz 1 Carrier / 256QAM / Low

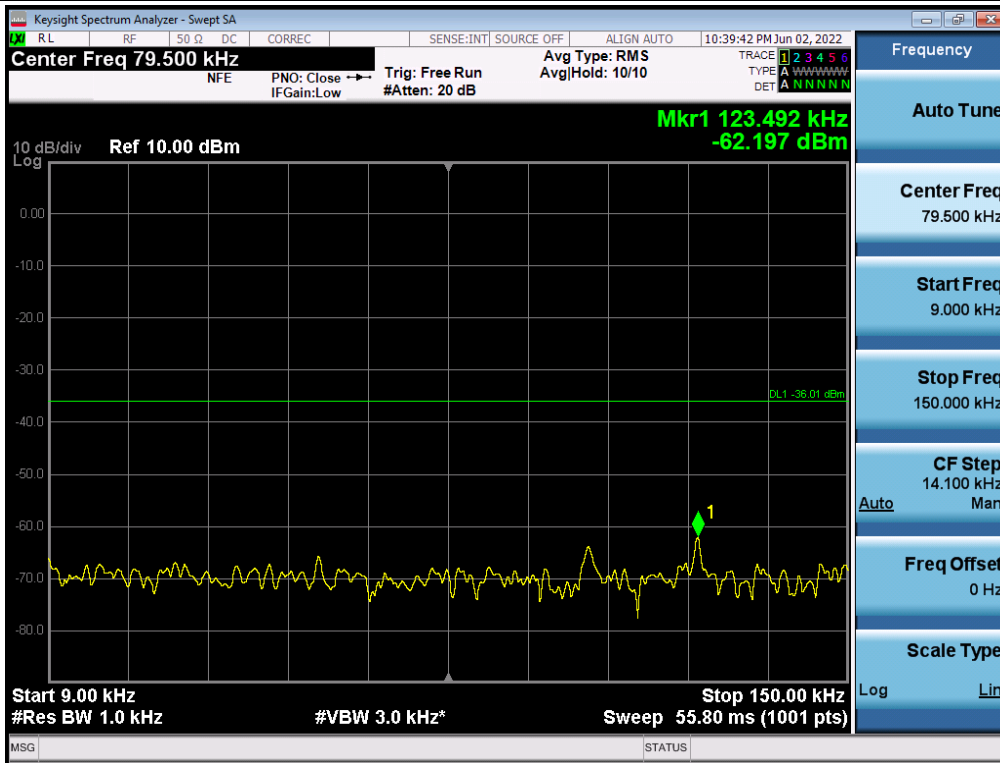
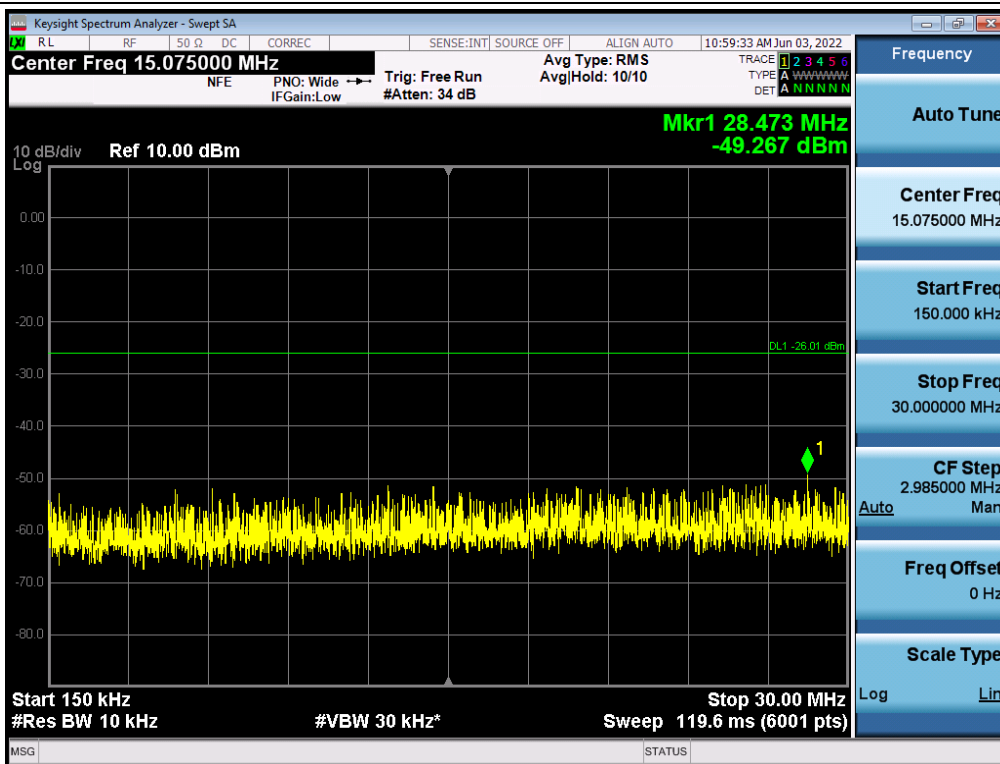


Antenna 1 / High Edge ~ 1 GHz / (2 Port)5G NR n5 10 MHz 1 Carrier / QPSK / High

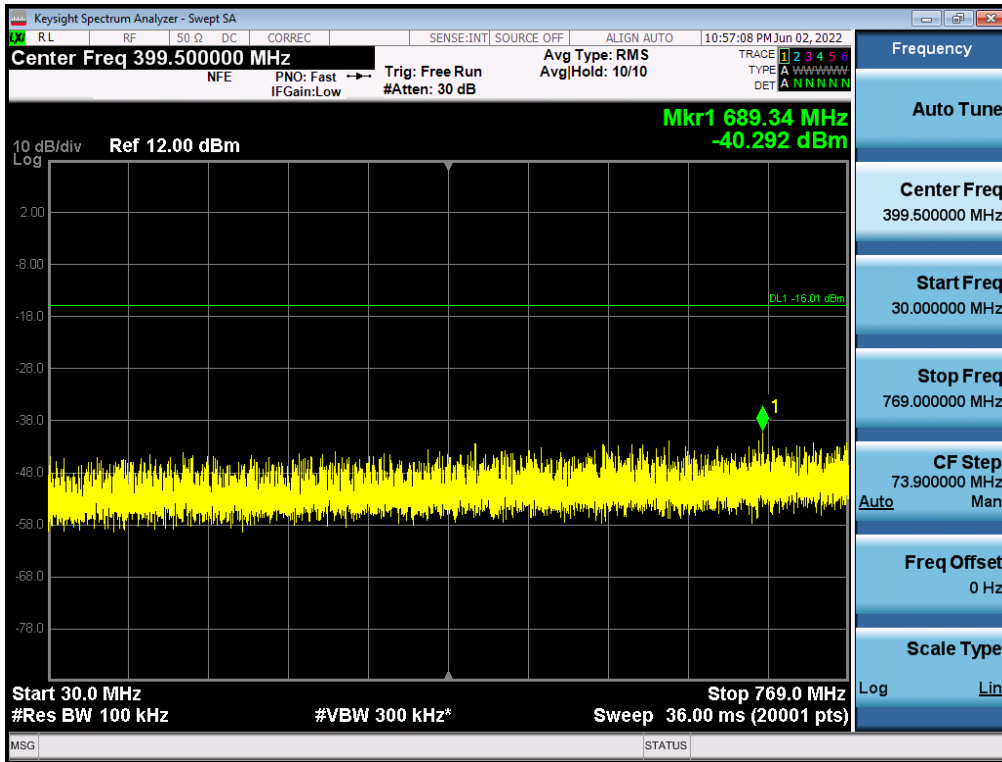


Antenna 1 / 1 GHz ~ 10 GHz / (2 Port)5G NR n5 10 MHz 1 Carrier / 16QAM / Low

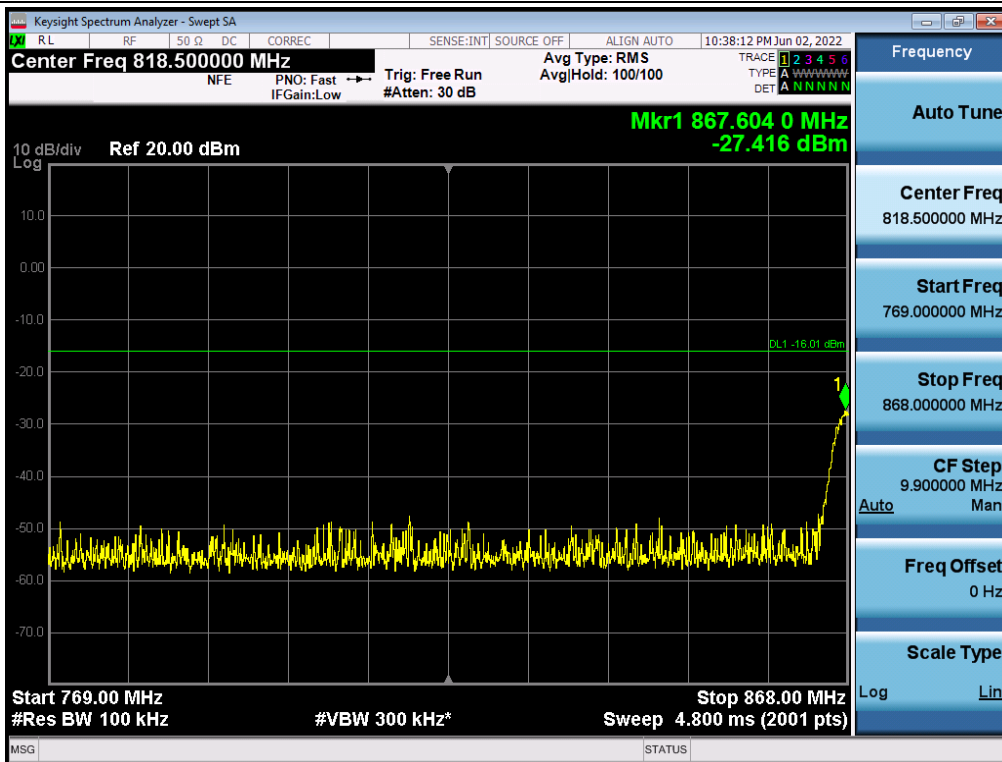


Antenna 3 / 9 kHz ~ 150 kHz / (4 Port)5G NR n5 5 MHz 1 Carrier / 16QAM / Low

Antenna 0 / 150 kHz ~ 30 MHz / (4 Port)5G NR n5 5 MHz 1 Carrier / 64QAM / Middle


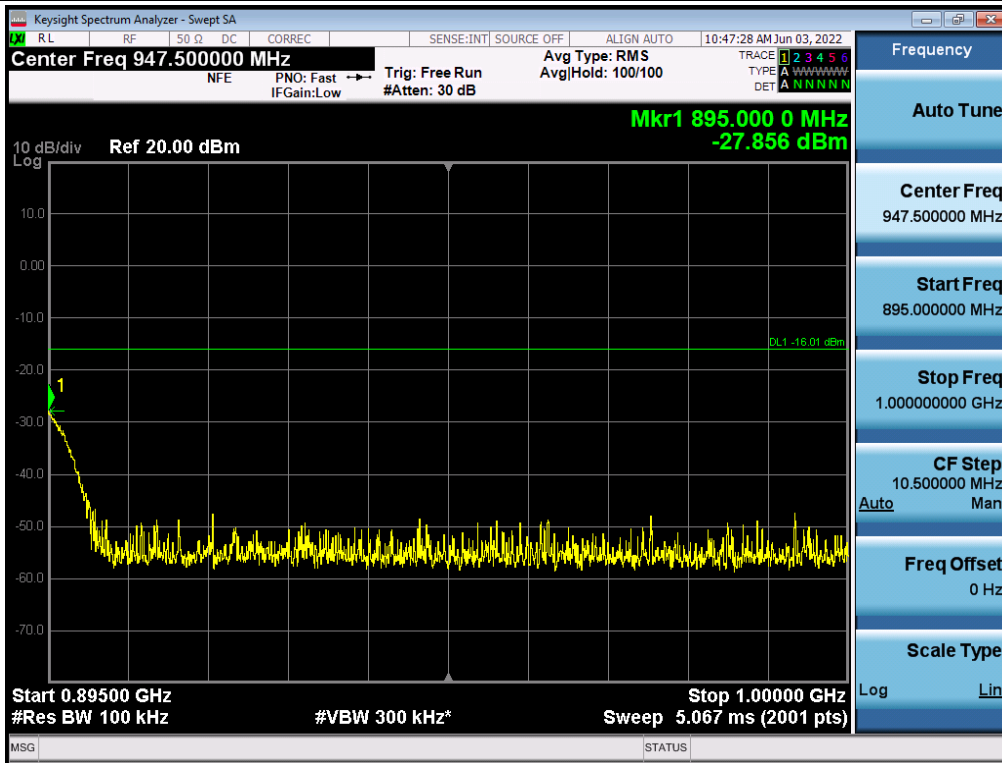
Antenna 1 / 30 MHz ~ Low Edge - 100 MHz / (4 Port)5G NR n5 5 MHz 1 Carrier / QPSK / High



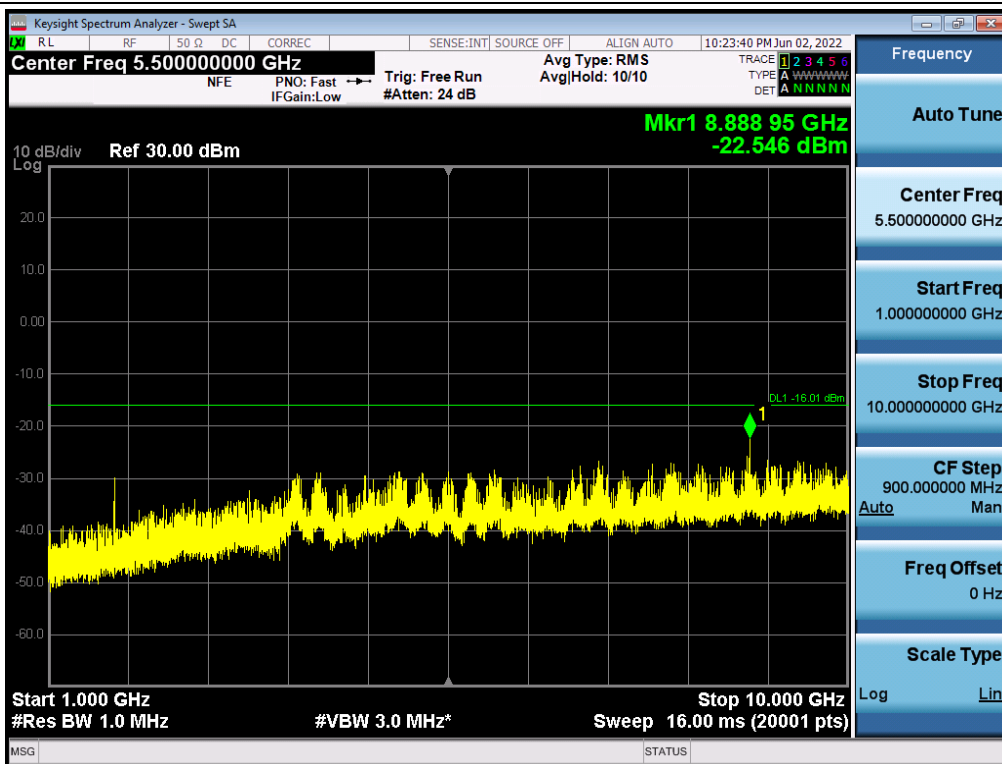
Antenna 2 / Low Edge - 100 MHz ~ Low Edge / (4 Port)5G NR n5 5 MHz 1 Carrier / 16QAM / Low



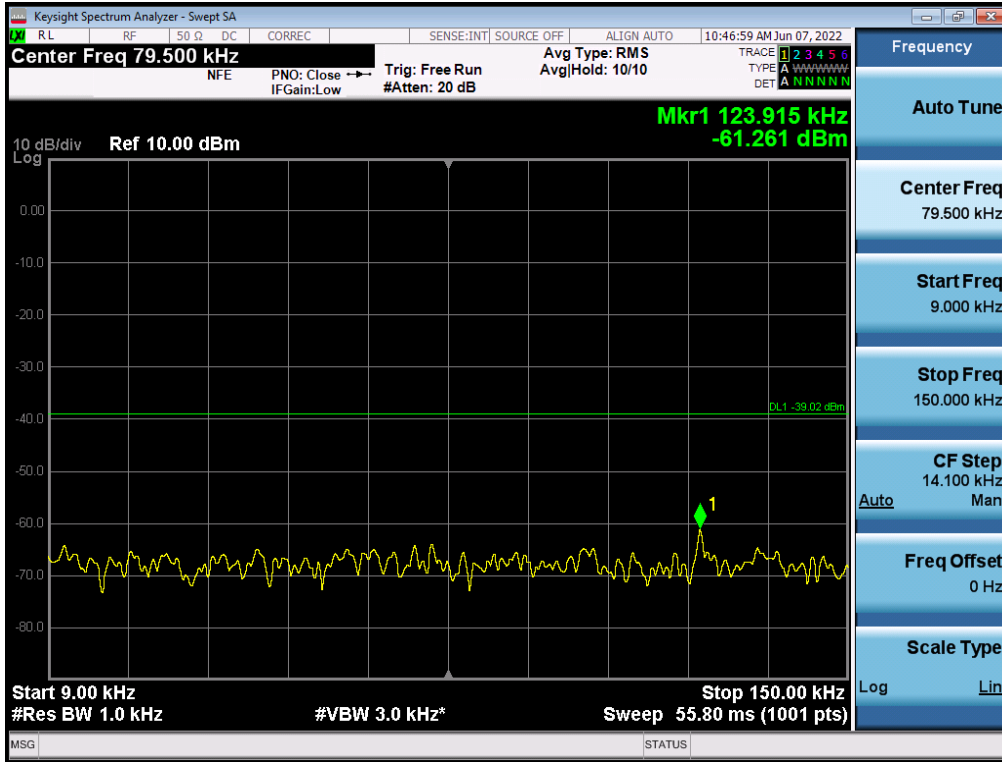
Antenna 2 / High Edge ~ 1 GHz / (4 Port)5G NR n5 5 MHz 1 Carrier / 16QAM / High



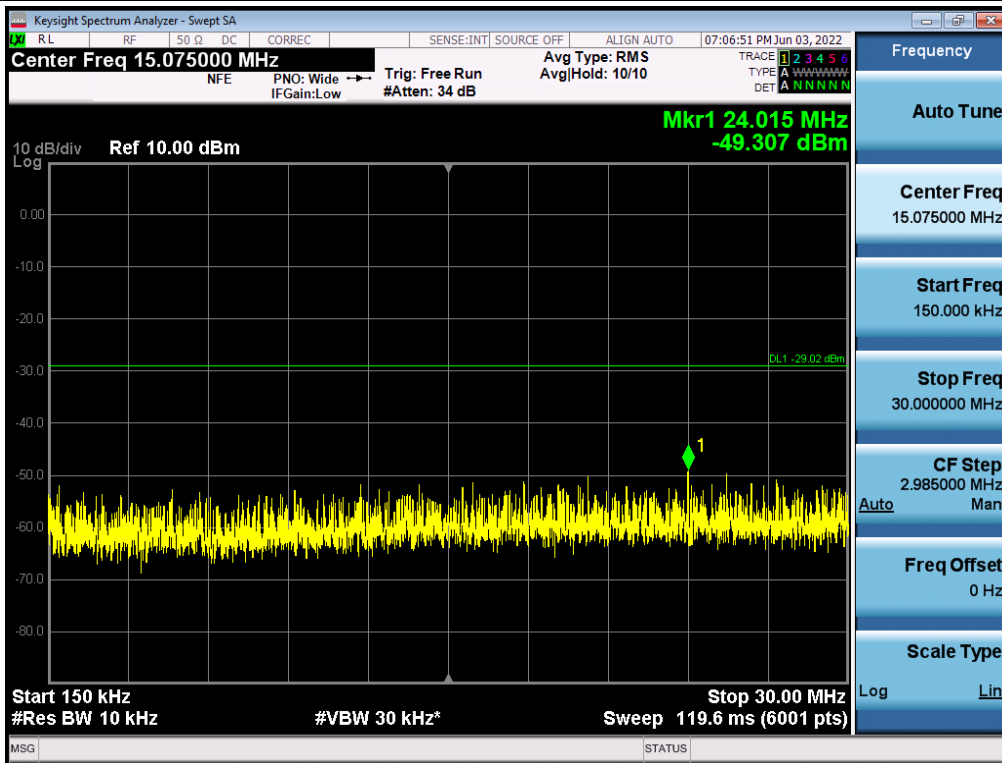
Antenna 3 / 1 GHz ~ 10 GHz / (4 Port)5G NR n5 5 MHz 1 Carrier / QPSK / Low



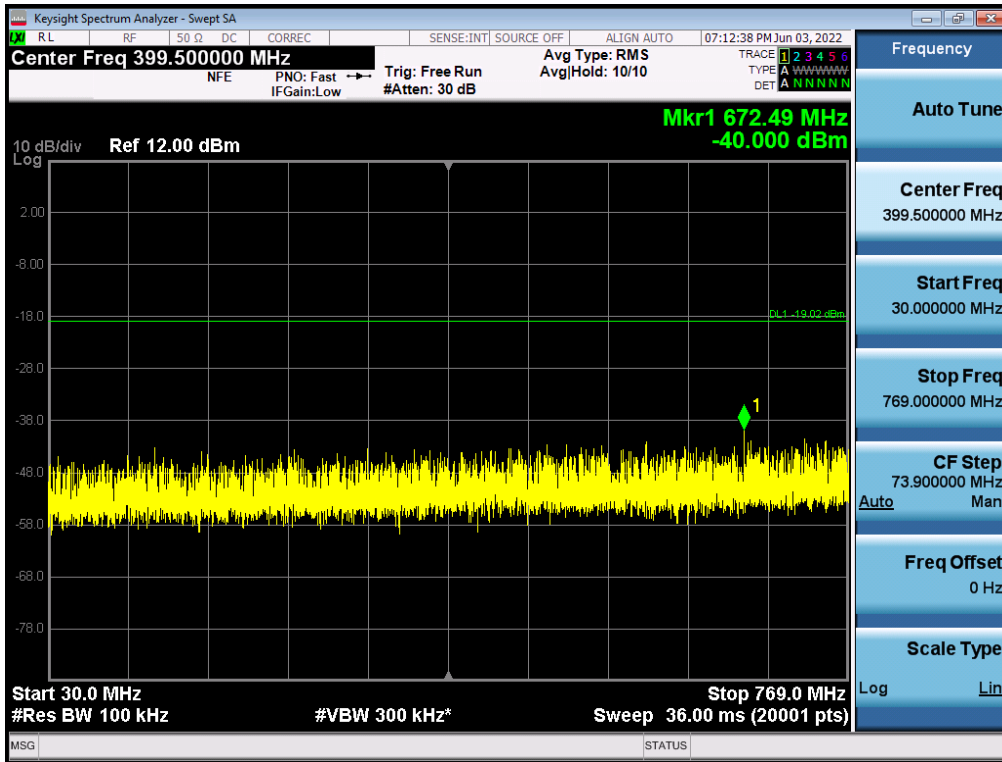
Antenna 1 / 9 kHz ~ 150 kHz / (4 Port)5G NR n5 10 MHz 1 Carrier / 16QAM / High



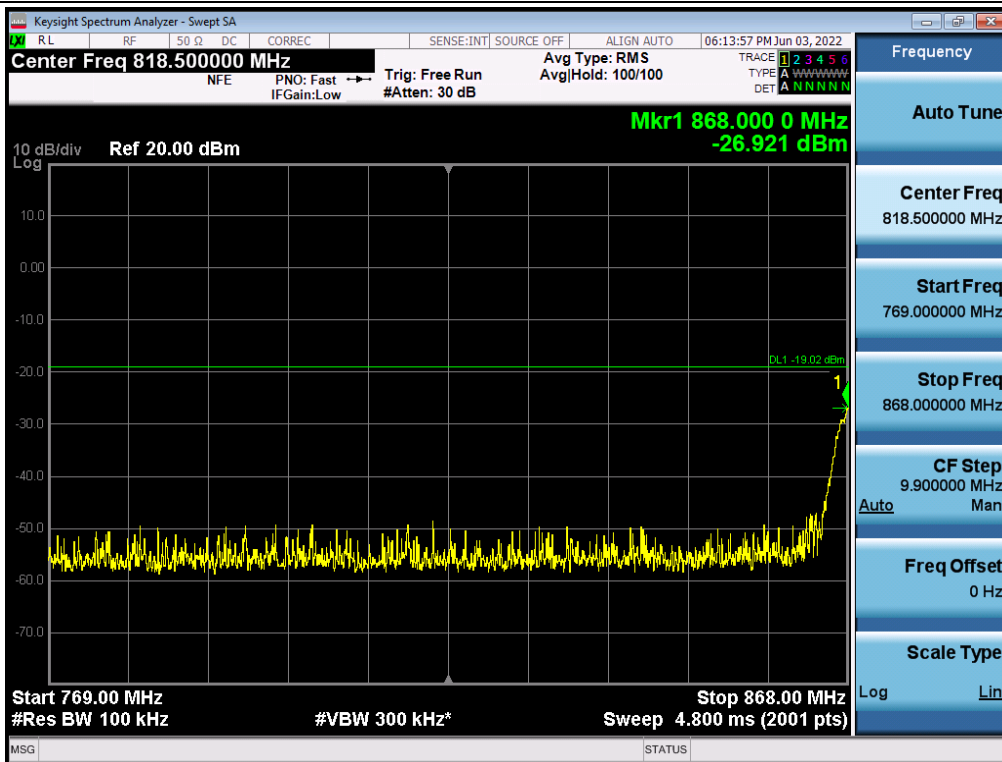
Antenna 1 / 150 kHz ~ 30 MHz / (4 Port)5G NR n5 10 MHz 1 Carrier / 64QAM / High



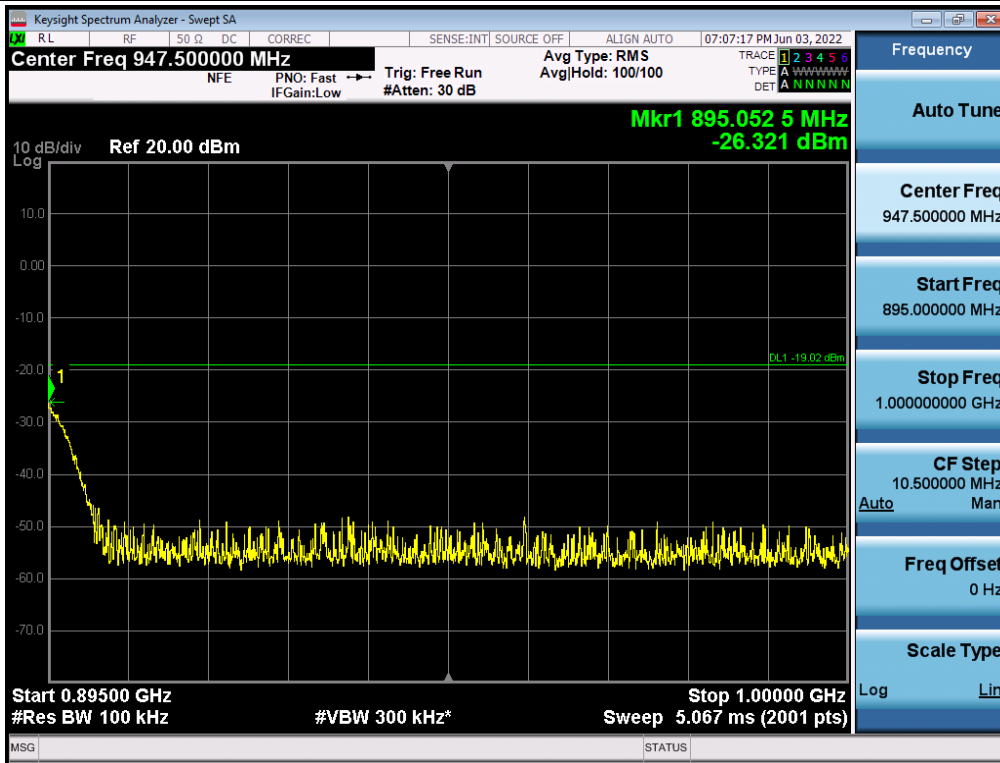
Antenna 2 / 30 MHz ~ Low Edge - 100 MHz / (4 Port)5G NR n5 10 MHz 1 Carrier / 64QAM / High



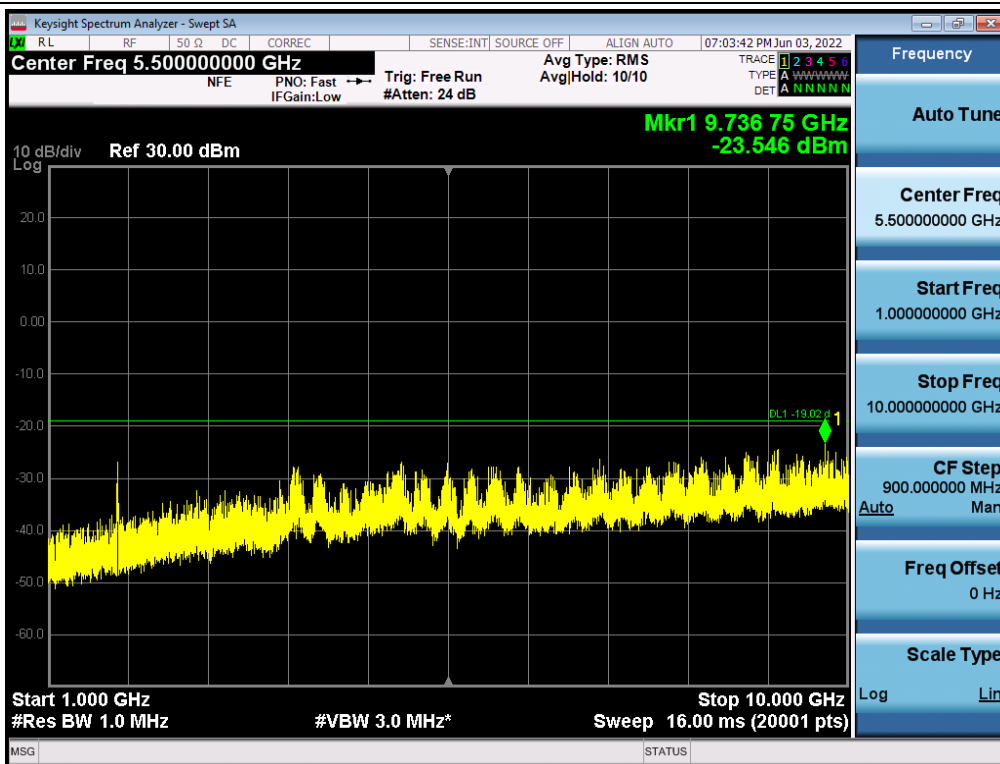
Antenna 3 / Low Edge - 100 MHz ~ Low Edge / (4 Port)5G NR n5 10 MHz 1 Carrier / 16QAM / Low



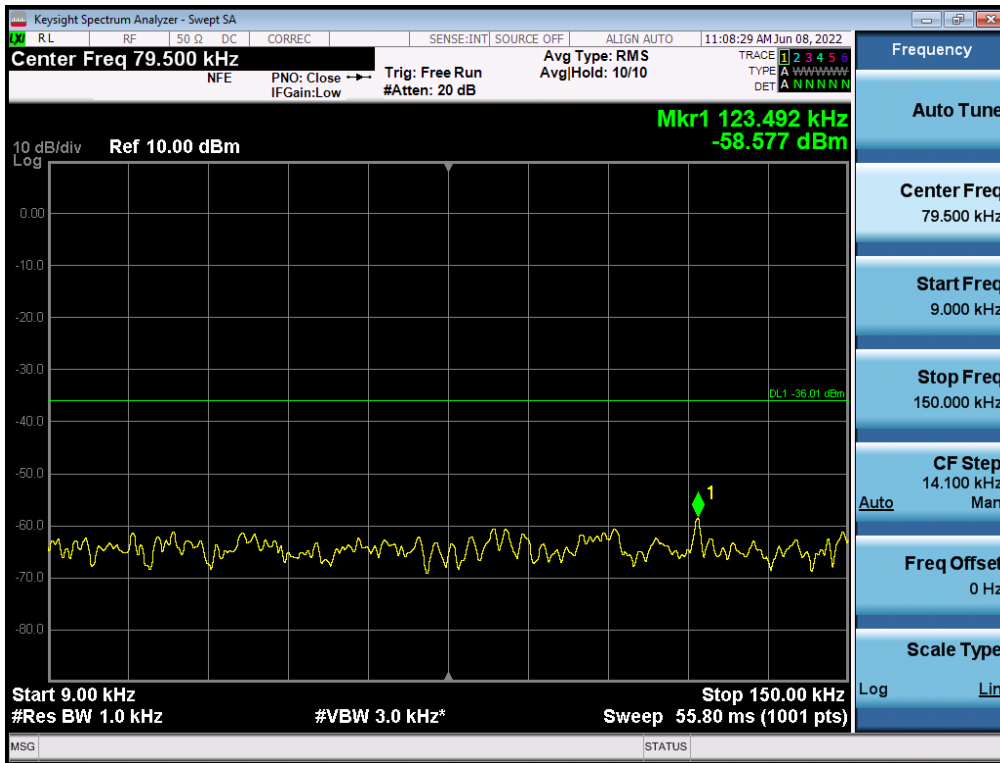
Antenna 1 / High Edge ~ 1 GHz / (4 Port)5G NR n5 10 MHz 1 Carrier / 64QAM / High



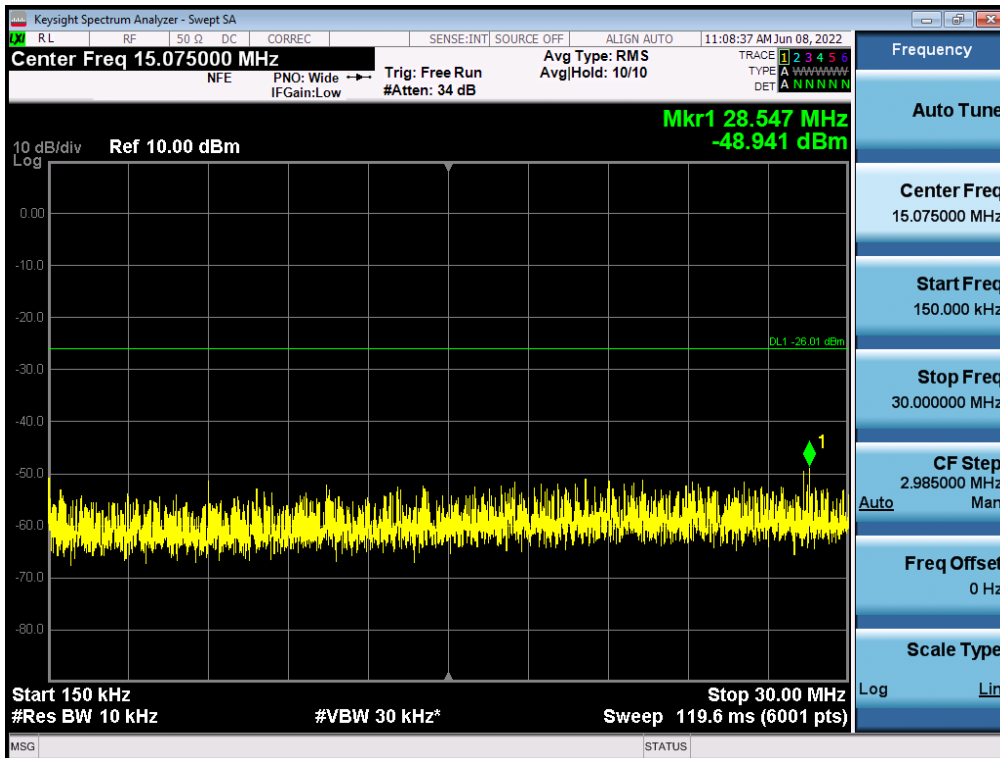
Antenna 0 / 1 GHz ~ 10 GHz / (4 Port)5G NR n5 10 MHz 1 Carrier / 256QAM / High



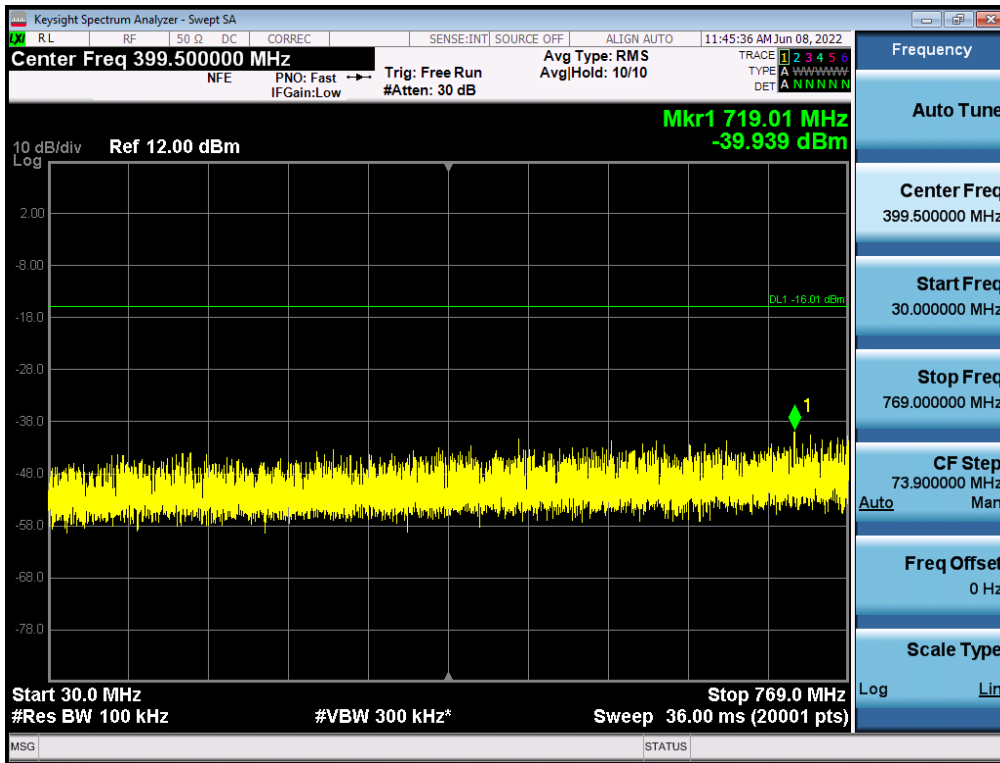
Antenna 1 / 9 kHz ~ 150 kHz / (2 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / Low



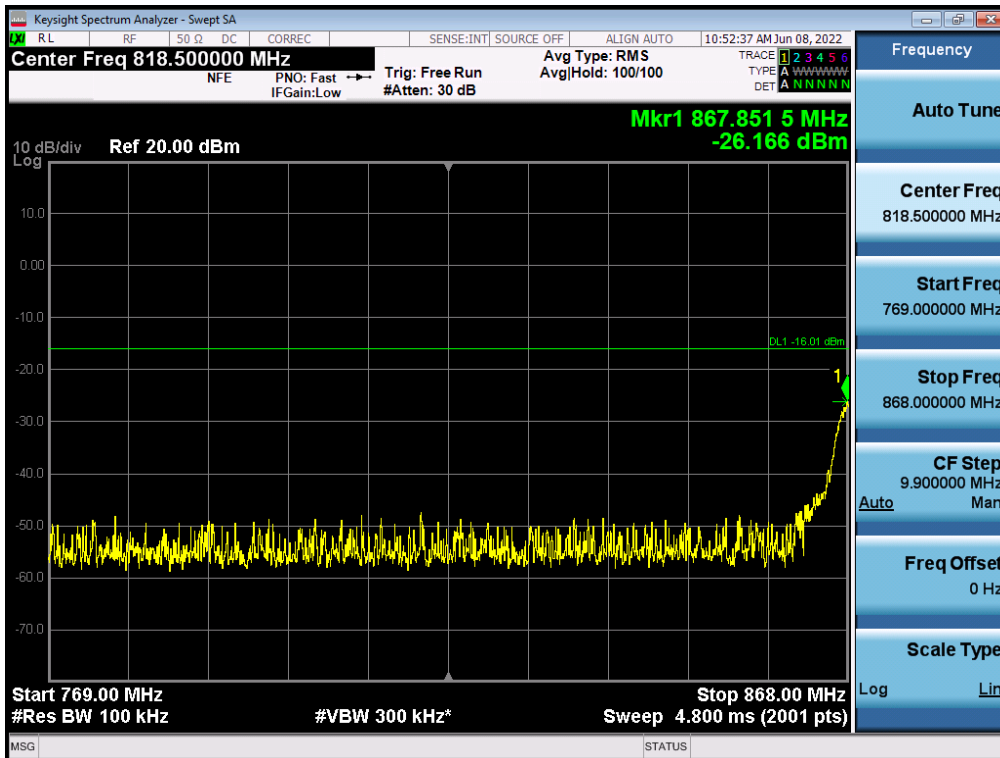
Antenna 1 / 150 kHz ~ 30 MHz / (2 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / Low



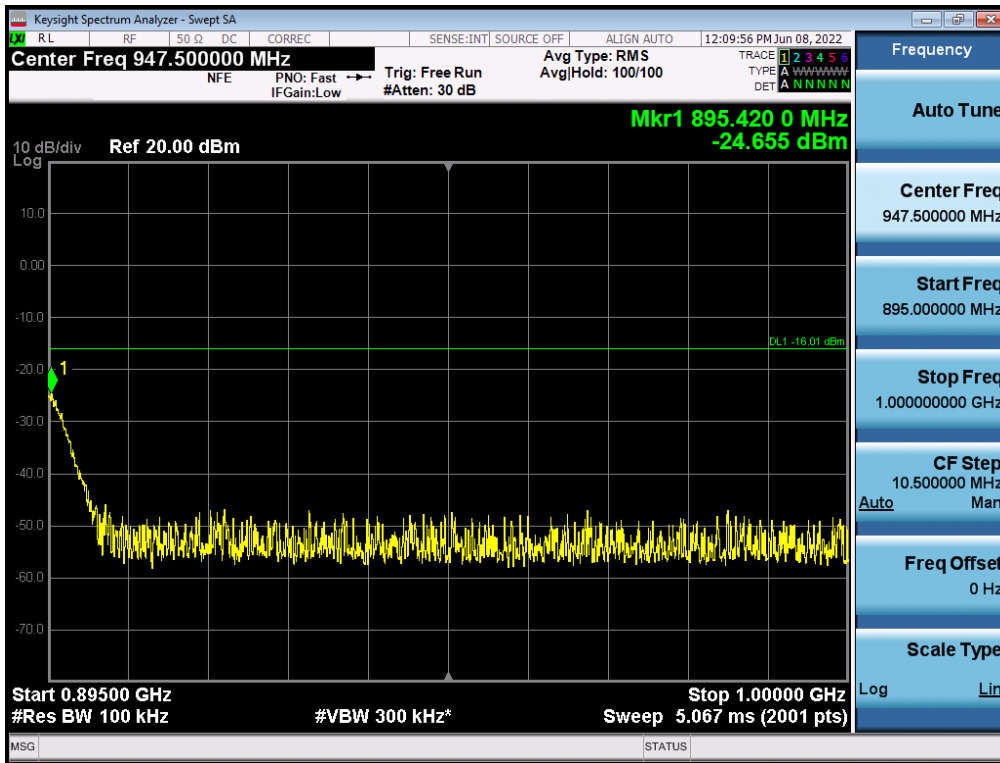
Antenna 1 / 30 MHz ~ Low Edge - 100 MHz / (2 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Contiguous / 64QAM / High



Antenna 0 / Low Edge - 100 MHz ~ Low Edge / (2 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Contiguous / 256QAM / Low



Antenna 0 / High Edge ~ 1 GHz / (2 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / High



Antenna 0 / 1 GHz ~ 10 GHz / (2 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / Low

